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CALENDAR

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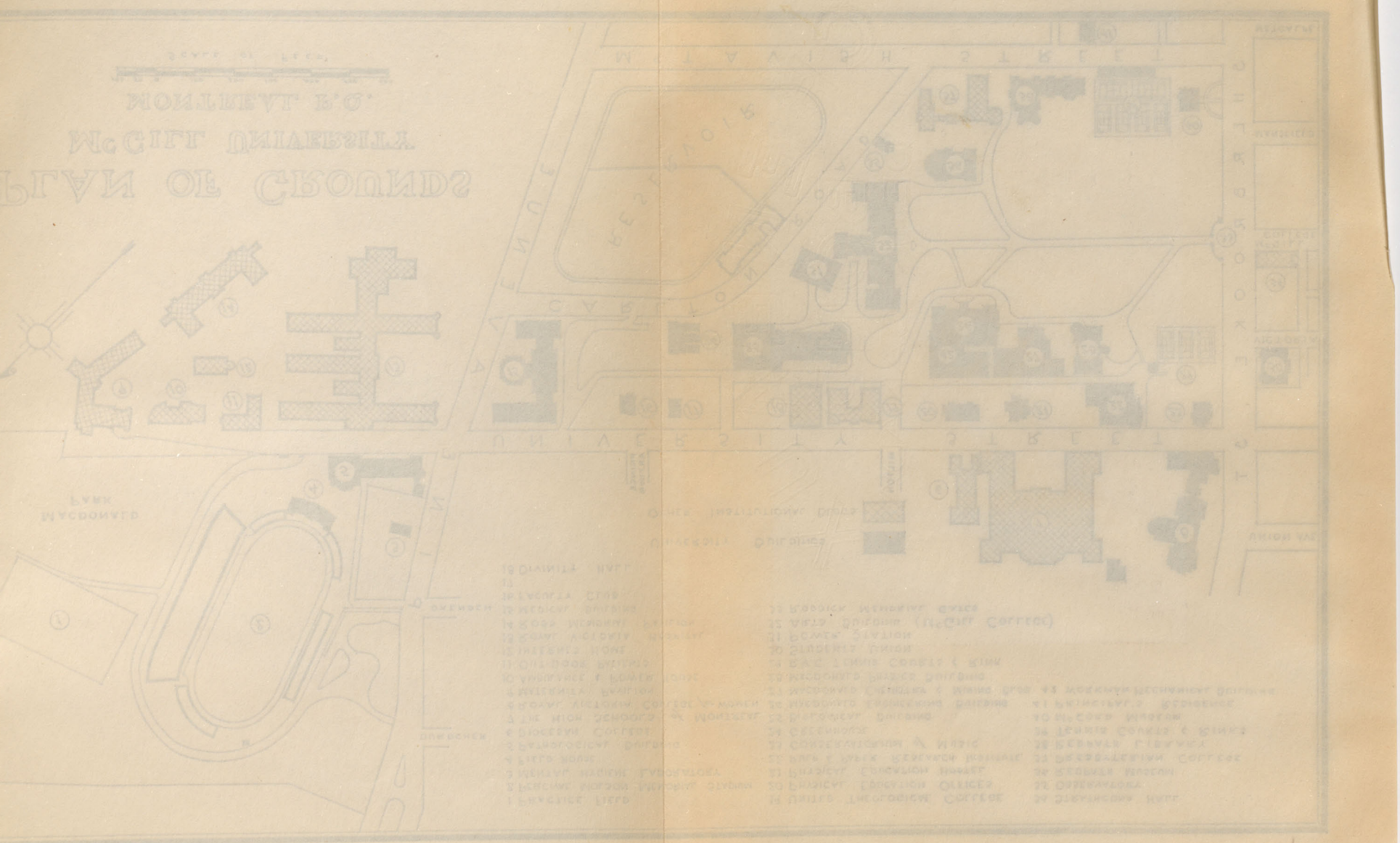
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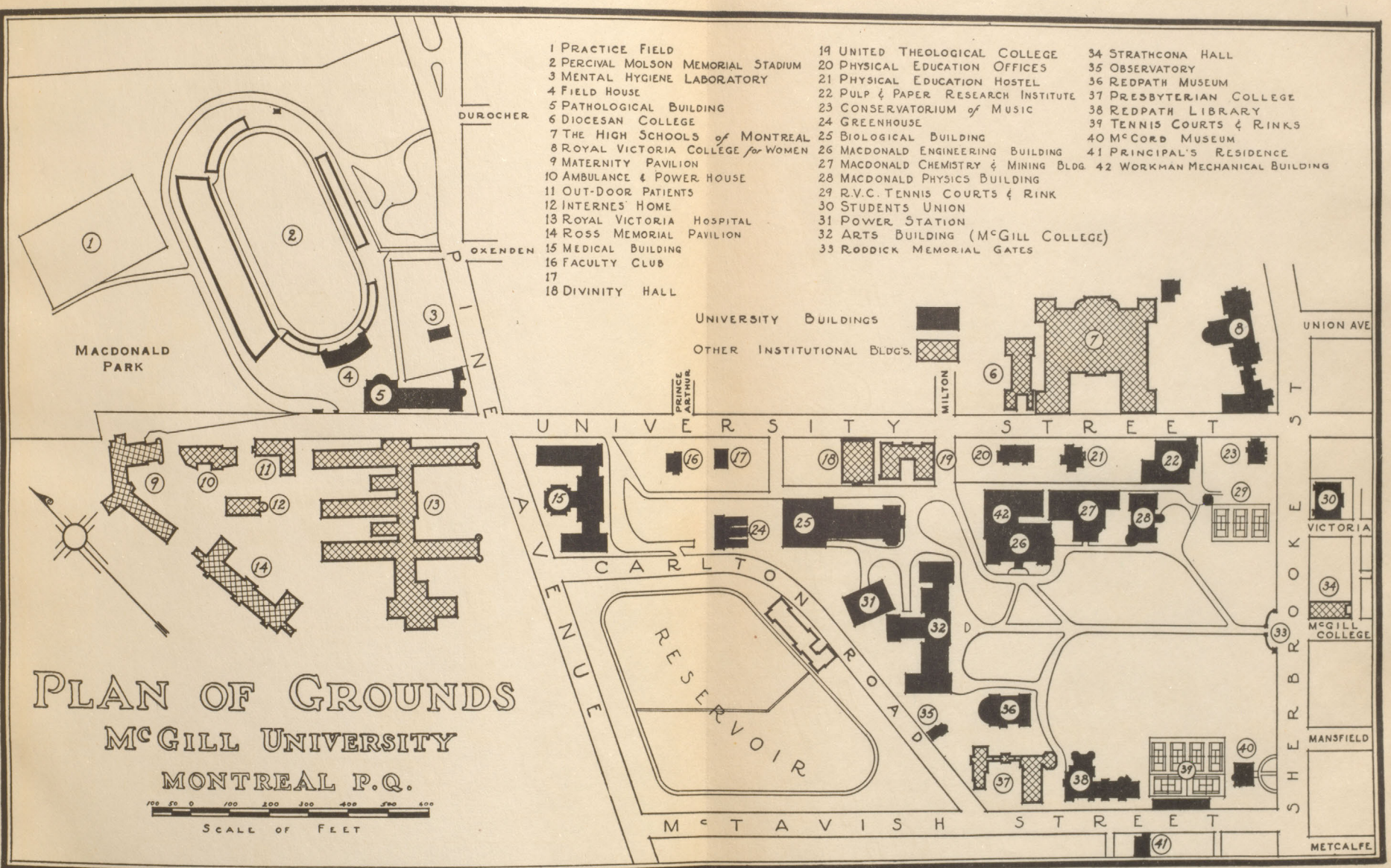
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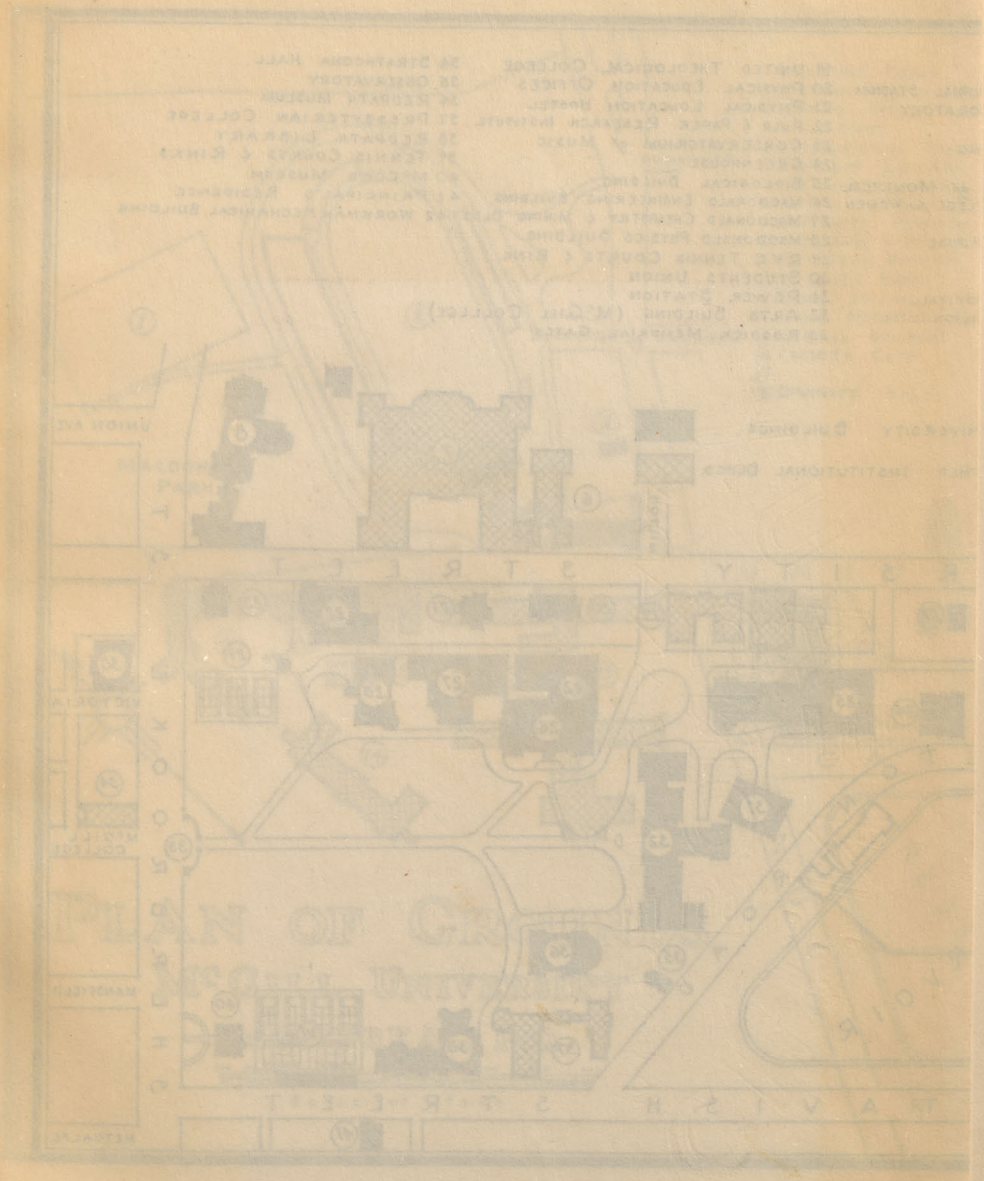


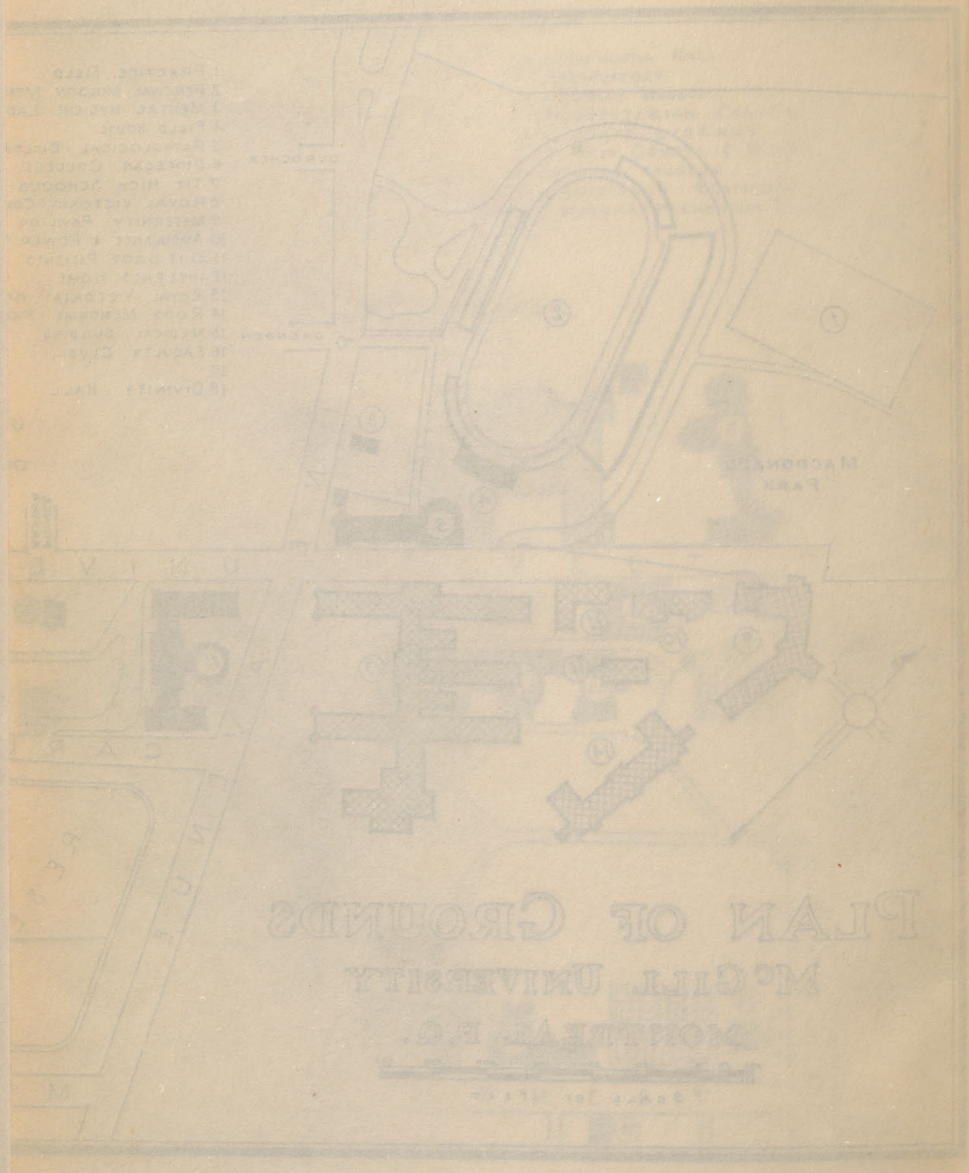


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McGill University

Montreal P.Q.





McGILL UNIVERSITY

MONTREAL

FOUNDED UNDER BEQUEST OF THE HON. JAMES McGILL;
ESTABLISHED AS A UNIVERSITY BY ROYAL CHARTER
IN 1821; AND REORGANIZED UNDER AN
AMENDED CHARTER IN 1852

CALENDAR

FOR THE SESSION 1934-35

MONTREAL

1934

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Wed 175

CALENDAR FOR THE SESSION 1934-35

1934

Wednesday, Sept. 12th... Matriculation Examinations begin.

Monday, Sept. 10th..... to Wednesday, Sept. 12th.. } Registration of students in Physical Education.

Wednesday, Sept. 12th.. to Tuesday, Sept. 18th.... } Registration of students in Medicine and Dentistry.

Thursday, Sept. 13th....Lectures in School of Physical Education begin.

Monday, Sept. 17th ..... { Conservatorium opens. Supplemental Examinations in Arts and Science, Commerce, and Engineering begin.

Wednesday, Sept. 19th.. Lectures in Medicine and Dentistry begin.

Monday, Sept. 24th..... Registration of students in the Library School.

Monday, Sept. 24th..... to Saturday, Sept. 29th.... } Registration of students in Law, First Year Engineering, and others in Engineering who have no conditions.

Monday, Sept. 24th.... { Scholarship Examinations in Arts and Science begin.

Tuesday, Sept. 25th.... Lectures in the Library School begin.

Thursday, Sept. 27th... to Saturday, Sept. 29th.... } Registration of students in Arts and Science, Commerce, and Graduate Nurses.

Friday, Sept. 28th..... { Registration of conditioned students in Engineering.

Monday, Oct. 1st..... { Lectures in Arts and Science, Commerce, Engineering, Law, and Graduate Nurses begin.

Saturday, Oct. 6th..... Founder's Day. Convocation.

Monday, Oct. 8th..... Thanksgiving Day. No lectures

Thursday, Oct. 11th.... Sports Day. No lectures.

Monday, Nov. 5th..... Meeting of the Faculty of Engineering.

Sunday, Nov. 11th..... Remembrance Day.

Tuesday, Nov. 27th.... Autumn term in Medicine ends.

Wednesday, Nov. 28th.. Winter term in Medicine begins.

Sunday, Dec. 2nd..... Annual University Memorial Service.

Monday, Dec. 3rd..... Meeting of the Faculty of Engineering.

Tuesday, Dec. 18th..... Autumn term in the Library School ends.

Wednesday, Dec. 19th.. Examinations in the Library School begin.

Friday, Dec. 21st..... Last day of lectures before Christmas in all Faculties and Schools.

1935

Monday, Jan. 7th..... Lectures resumed in all Faculties and Schools.

Monday, Jan. 7th..... Meeting of the Faculty of Engineering.

Monday, Jan. 14th..... Mid-session examinations in Arts and Science, Commerce, Engineering, and the School of Physical Education begin.

Friday, Jan. 18th..... Second term begins in Arts and Science, Commerce, Engineering, Law, and the School of Physical Education.

Monday, Feb. 4th..... Meeting of the Faculty of Engineering.

Sunday, Feb. 10th..... Founder's Day at Macdonald College.

Tuesday, Feb. 19th..... Winter term in Medicine ends.

Wednesday, Feb. 20th.. Spring term in Medicine begins.

Friday, Mar. 1st..... Winter term in the Library School ends.

Saturday, Mar. 2nd..... to Tuesday, Mar. 5th..... Examinations in the Library School.

Monday, Mar. 4th..... Meeting of the Faculty of Engineering.

Wednesday, Mar. 6th... Ash Wednesday. No lectures.

Thursday, Mar. 7th.... Spring term in the Library School begins.

Monday, Apr. 8th..... Meeting of the Faculty of Engineering.

Friday, April 12th..... Lectures end in the first three years in Engineering and all years in Architecture.

Wednesday, April 17th.	Examinations begin in the first three years in Engineering and all years in Architecture.
Friday, April 19th ..... to Monday, April 22nd ... (inclusive)	Easter vacation.
Thursday, April 25th...	Lectures end in all Faculties and Schools, except Medicine.
Monday, April 29th....	Examinations in Arts and Science, Commerce, Fourth Year Engineering, Law, and the School of Physical Education begin.
Tuesday, April 30th....	Last day of lectures in Medicine.
Friday, May 3rd.....	Examinations in Medicine begin.
Monday, May 6th.....	Meeting of the Faculty of Engineering.
Wednesday, May 8th...	Lectures end in The Library School.
Thursday, May 9th.....	Examinations begin in the Library School.
Thursday, May 30th....	Convocation.
Monday, June 17th.....	Matriculation Examinations begin.

A BRIEF HISTORY OF THE UNIVERSITY

In 1813 the Hon. James McGill, a leading merchant and prominent citizen of Montreal, died and left in his will a property of forty-six acres and a sum of £10,000 to the already existing Royal Institution for the Advancement of Learning upon condition that the latter erected "upon the said tract or parcel of land, an University or College, for the purposes of education and the advancement of learning in this Province"; and further upon condition that "one of the Colleges to be comprised in the said University shall be named and perpetually be known and distinguished by the appellation of 'McGill College'."

Owing to a lack of funds and persistent opposition the complete University, which had been planned by the Royal Institution, was not built, but after years of litigation and effort, the University of McGill College was opened in 1829 with what remained of James McGill's legacy as its endowment; and teaching then started in the Faculties of Medicine and Arts. The Medical Faculty grew steadily, but the Faculty of Arts had a most delicate infancy, and by the middle of the century was still scarcely alive. In 1852 an amended Charter was secured and a new era of progress and success began with the appointment in 1855 of Sir William Dawson as Principal, a position which he held for thirty-eight years.

Since 1855 the University has grown vigorously, dividing itself into further faculties, and in 1907 establishing Macdonald College at Ste. Anne de Bellevue twenty-five miles from Montreal, as a separate residential college for Agriculture, Household Science, and the School for Teachers. This general development was greatly facilitated by the generosity of Sir William Macdonald, who gave the University a Physics Building, a Chemistry and Mining Building, and a new Engineering Building, in addition to the college named after him and mentioned above.

A history of the University, "McGill and its Story," by Professor Cyrus Macmillan, is published by the Oxford University Press, Toronto.

GOVERNMENT OF THE UNIVERSITY

McGill University is a Corporation created by a Royal Charter granted by the Crown of the United Kingdom, a general supervisory power being retained by the Crown and exercised through the Governor-General as Visitor. The Corporation consists of the Governors, Principal, and Fellows, and has entire control over all academic matters, admission, courses of study, discipline and degrees.

The **Governors** of the University constitute the Royal Institution for the Advancement of Learning, a corporation existing under the laws of the Province of Quebec, part of the official organization of the Province, but completely self-governing. In this corporation is vested the management of finances, the appointment of professors, and other important duties. Three of the Governors are elected by the members of the Graduates' Society and other appointments are made by the nomination of the remaining members with the approval of the Visitor. The President of the Board of Governors is ex-officio Chancellor of the University.

The **Principal** is the academic head and chief administrative officer. He is appointed by the Board of Governors (of which body he is a member ex-officio). He also holds the office of Vice-Chancellor of the University.

The **Fellows** (49 in number) are selected with reference to the representation of all the faculties and departments of the University, and of the graduates, affiliated colleges, and other bodies.

The carrying out of the regulations of Corporation, along with primary responsibility for the conduct of the educational work of the University, is entrusted to the several Faculties.

INCORPORATED AND AFFILIATED COLLEGES

INCORPORATED COLLEGES

Macdonald College is situated at Ste. Anne de Bellevue, about twenty miles from Montreal. It consists of three departments:—The School of Agriculture, the School of Household Science, and the School for Teachers. All courses leading to the Bachelor's and Master's degrees are under the control of the Corporation of McGill University; all the short term courses in agriculture, as well as the shorter courses in domestic science, are under the direction of the Executive Committee of Macdonald College, and those for diplomas to teach in the Province of Quebec are prescribed and regulated by the Department of Education. Full information is given in the Macdonald College Announcement, which will be sent on application to the Registrar, Macdonald College, Que.

The Royal Victoria College is the Women's College of McGill University for courses in the Faculty of Arts and Science. For further particulars, see pages 180 to 182.

AFFILIATED COLLEGES

Acadia, Alberta and Mount Allison Universities and the University of St. Francis Xavier College are affiliated to McGill University to the extent that students who have completed the two-year course in engineering given by these universities are admitted directly to the Third Year in any of the engineering courses in the Faculty of Engineering, except that in Chemical Engineering, for which special arrangements are at present necessary.

Students from these universities entering the Third Year must take the summer school suitable to their course, in May, or the special school in September, which will open in 1934 on September 4th in Chemical, Mechanical and Metallurgical Engineering and on September 17th in Civil and Mining Engineering.

Royal Military College.—Graduates of the Royal Military College of Kingston, when specially recommended by the Director of Studies of that Institution, are admitted to the Fourth Year in the Civil Engineering Course and to the Third Year in the other engineering departments of the Faculty of Engineering. They must in all cases take the respective summer schools pertaining to these several courses, which are held in September, as stated in the preceding paragraph.

Arrangements have also been made whereby graduates and students of the Mechanical Science course in the University of Cambridge will be admitted to advanced standing in the Faculty of Engineering under definite regulations, particulars of which can be obtained from the Dean of the Faculty.

AFFILIATED THEOLOGICAL COLLEGES

The Theological Colleges named below are affiliated to the University under the following arrangements:—Students in these institutions, who are pursuing a double course in Arts and Theology (six years at least), will be exempted from a half course in Arts and Science in each of the Third and Fourth Years or a whole course in either.

The United Theological College of Montreal.—Principal, Rev. James Smyth, B.A., D.D., LL.D., 3506 University St.

The Diocesan College of Montreal.—Principal, Rev. G. Abbott-Smith, M.A., D.D., D.C.L., 3473 University St.

The Presbyterian College, Montreal.—Principal, Rev. F. Scott Mackenzie, M.A., Th.D. (Harvard), D.D. (Knox), 3485 McTavish St.

For Calendars and all necessary information, apply to the Principals of the several Colleges.

AFFILIATION WITH OTHER UNIVERSITIES

The University is affiliated to the Universities of Oxford, Cambridge and Dublin. Under certain conditions students of McGill University may be granted advanced standing in these Universities. Particulars of these conditions may be obtained from the Registrar.

FACULTIES, DEGREES AND DIPLOMAS

A Brief Outline With References

The educational work of the University is carried on in McGill College, the Royal Victoria College for Women, and other University buildings in Montreal; and also in Macdonald College at Ste. Anne de Bellevue, twenty-five miles from Montreal.

McGILL COLLEGE

(Pages 101 to 182.)

Degrees offered:

Bachelor of Arts (B.A.) (pp. 111 and 113).

Bachelor of Science (B.Sc.) (pp. 114 and 117).

Bachelor of Commerce (B. Com.) (p. 187).

Period of Study in the Faculty for a Degree: Four years from Junior Matriculation or three years from Senior Matriculation.

Entrance Qualifications: Junior or Senior Matriculation (pp. 75 and 87).

For fees see page 101.

THE FACULTY OF MEDICINE

(Pages 272 to 331.)

Degrees offered: Doctor of Medicine and Master of Surgery (M.D., C.M.) (See pp. 285, 292).

Diploma offered: The Diploma in Public Health (D.P.H.). (See p. 321.)

Period of Study in the Faculty for the Degree: Five years.

Entrance Qualifications: (See p. 280).

For fees see page 282.

THE FACULTY OF LAW

(Pages 351 to 361.)

The course in the Faculty of Law is based mainly on the study of the Roman and Civil systems, the curriculum and timetable being arranged on the assumption that a student is devoting his entire time to his university work.

Degree offered: Bachelor of Civil Law (B.C.L.).

Period of Study in the Faculty of Law: Three years.

Entrance Qualifications: At least two years in a recognized Arts Faculty.

For fees see page 353.

FACULTY OF ENGINEERING
(Men Only)

(Pages 207 to 271.)

Degrees offered: Bachelor of Architecture (B.Arch.). See below. Bachelor of Engineering (B.Eng.), in the Departments of Chemical, Civil, Electrical, Mechanical, Metallurgical, and Mining Engineering.

Period of Study in the Faculty: Four years.

Entrance Qualifications: Senior Matriculation in English, Mathematics, Chemistry, Physics and one of History, French, German, Latin, Greek, Spanish; *or* First Year Arts and Science (Science Division).

For fees see page 209.

SCHOOL OF ARCHITECTURE
(in the Faculty of Engineering)
(Men Only)

(Pages 221 to 225.)

Degree offered: Bachelor of Architecture (B.Arch.).

Period of Study in the School: Five years.

Entrance Qualifications: Junior Matriculation with Intermediate Mathematics. Students must also satisfy the Head of the School that they have drawing ability. (Page 207.)

For fees see page 209.

FACULTY OF DENTISTRY

(Page 331 to 350.)

Degree offered: Doctor of Dental Surgery (D.D.S.).

Period of Study in the Faculty: Four years.

Entrance Qualifications: At least two years in Arts and Science, including two years of lectures and laboratory work in Chemistry (inorganic and organic), and one year each of Physics and Biology. (Page 332.)

To be qualified to practise in the Province of Quebec, a student must take at least the last year of this pre-dental work in a recognized English university in that Province.

For fees see page 334.

FACULTY OF AGRICULTURE

(See also page 485.)

This faculty is housed in Macdonald College at Ste. Anne de Bellevue, twenty-five miles from Montreal.

Degree offered: Bachelor of Science in Agriculture, B.Sc. (Agr.).

Period of Study in the Faculty for the degree: Four years.

For entrance qualifications, fees, and further details, see Announcement of Macdonald College, which may be obtained from the Registrar, Macdonald College, P.Q.

FACULTY OF MUSIC

Degree offered: Bachelor of Music (Mus. Bac.).
Diploma offered: Licentiate in Music. (L. Mus.)
Period of Study in the Faculty for the Degree: Three years.
For further details see pages 362 to 373 and also the Announcement of the Faculty of Music.

FACULTY OF GRADUATE STUDIES AND RESEARCH

(Pages 374 to 445.)

Degrees offered: Master of Arts (M.A.), Master of Science (M.Sc.), Master of Engineering (M. Eng.), Master of Commerce (M. Com.), Master of Civil Law (M.C.L.), Doctor of Philosophy (Ph. D.), Doctor of Civil Law (D.C.L.), Doctor of Science (D. Sc.), Doctor of Music (Mus. Doc.), Doctor of Literature (D.Litt.).
For fees see page 383.

SCHOOL OF HOUSEHOLD SCIENCE
(Women Only)

(See also page 485.)

Degree offered: Bachelor of Household Science (B.H.S.).
Diplomas offered: See Macdonald College Announcement.
Period of Study for the B.H.S.: Four years.
Entrance Requirements: Junior Science Matriculation.

Yearly fee for residents of Canada..... $100.00
" " for non-residents..... $125.00

For details, see the Announcement of Macdonald College, wich may be obtained from the Registrar, Macdonald College, P.Q.

THE LIBRARY SCHOOL

(Pages 446 to 451.)

Degree offered: Bachelor of Library Science (B.L.S.).
Period of Study: One year.
Entrance Qualifications: Bachelor's degree.
Fee $150.00

SCHOOL OF PHYSICAL EDUCATION

(Pages 452 to 463.)

Period of Study: One year in Arts and Science and two years in the School leading to a diploma.

Entrance Requirements: As for Arts and Science. See page 102.

For details of the special diploma for students with a bachelor's degree see page 463.

For fees see page 456.

SCHOOL FOR GRADUATE NURSES
(Women Only)

(Pages 464 to 484.)

Diplomas offered: (*a*) Public Health Nursing; (*b*) Teaching in Schools of Nursing; (*c*) Supervision in Hospitals and Schools of Nursing; (*d*) Organization and Supervision of Nursing in the Community.

Period of Study for a Certificate: One year.
Period of Study for a Diploma: Two years.

For fees see page 469.

DEPARTMENT OF SOCIAL RESEARCH

The Department of Social Research, endowed by the Rockefeller Foundation, is not a separate teaching department but is organized in co-operation with the Departments of Economics, Sociology, Education, Psychology, etc., to supervise and co-ordinate research, and to collect and analyse social and economic data, especially relating to unemployment and to the City of Montreal. (For courses, see page 445.)

Details concerning fellowships, etc., may be obtained from the Director, Mr. L. C. Marsh.

JUNIOR MATRICULATION

For admission to the First Year of the Faculty of Arts and Science. The entrance requirements of the other Faculties and Schools of the University are stated on pp. 71 to 74.

For Senior Matriculation see page 87.

I. REGULATIONS

1. Junior Matriculation examinations are held in June and September —in June at McGill University and local centres; in September in Montreal only. The time-tables for these examinations are issued in February each year.

ALL INQUIRIES, EXCEPT FROM CANDIDATES IN GREAT BRITAIN, RELATING TO THE EXAMINATIONS SHOULD BE ADDRESSED TO THE REGISTRAR OF THE UNIVERSITY.

For the convenience of candidates in Great Britain, the June examination is held each year in London, Eng. Full information regarding dates, fees, etc., may be obtained from the Honorary Representative of the University, W. A. Bulkeley-Evans, Esq., C.B.E., M.A., LL.D., 5 Paper Buildings, Temple, London E.C. 4.

2. Every candidate for examination is required to fill in an application form and return it to the Registrar's Office with the necessary fee before the 20th of May or the 20th of August for the June or September examinations respectively. Applications received after these dates are not accepted and the accompanying fees are returned. The fee is one dollar per paper with a minimum fee of two dollars and a maximum fee of ten dollars. Blank forms may be obtained from the Registrar's Office.

3. In order to pass, a candidate must obtain an average of 60 per cent in the ten required papers of the examination, and not less than 40 per cent in any paper. A candidate, however, whose marks in one paper fall below 40 per cent is given matriculation standing if his average in his ten papers is not less than 70 per cent.

4. The examination may be taken in parts, but must be completed within a period of sixteen months.

This regulation also applies in the case of certificates granted by other recognized examining bodies.

5. Matriculation certificates will be issued only to candidates who have passed the complete University Matriculation Examination.

CERTIFICATES RECOGNIZED

The certificates and diplomas named below will (if they have been obtained under no easier conditions than those which apply in the case

of the McGill Matriculation certificate) be accepted *pro tanto* in lieu of the Junior Matriculation examination, *i.e.*, in so far as the subjects and standard of the examination taken to obtain them are, to the satisfaction of the Admissions Committee, equivalent to those required for the Matriculation Examination of this University. Candidates for admission offering certificates which are not a full equivalent may be required to pass in one or more matriculation papers.

Intending students who wish to enter by certificate should under no circumstances come to the University without having first obtained from the Registrar a statement of the value of the certificate they hold.

Province of Quebec.

The High School Leaving Certificate.

Province of Ontario.

Middle School Certificate.

Province of New Brunswick.

Junior Matriculation or High School Leaving Certificate.

Province of Nova Scotia.

Grade XI Certificate.

Province of Prince Edward Island.

Second Year Certificate of Prince of Wales College.

Province of British Columbia.

Junior Matriculation.

Province of Manitoba.

Grade XI Certificate.

Provinces of Alberta and Saskatchewan.

Grade XI Certificate.

Newfoundland.

Junior Matriculation.

Great Britain.

The School Certificate (with four or five credits) of:—

The Oxford and Cambridge Schools Examination Board.
The Oxford Local Examination Board.
The Cambridge Local Examination Board.
The Northern Universities Joint Examination Board.
The Central Welsh Board.
Durham University.
Bristol University.
University of London.
The University of London Matriculation.

The Certificate of Fitness issued by the Scottish Universities Entrance Board.

Details of the credits required in the School Certificate may be obtained from the Registrar's Office.

United States.

1. McGill University recognizes the qualifying examinations conducted by the College Entrance Examination Board, 431 West 117th Street, New York City.

2. A student may obtain matriculation qualifications by writing these examinations according to Plan B in *four* subjects which must include

(1) English (Four-Year)

(2) Mathematics (A1 and C)

(3) French or German or Latin or Greek (Four-Year).

(4) A subject not already chosen.

In addition the student must submit his complete High School record which must show the position he occupied in his class, and the number of students in the class, and must submit a letter from his Principal.

3. An examination in Latin or Greek is compulsory for entrance to the B.A. courses, and distinct ability in scientific subjects must be shown for entrance to the B.Sc courses.

4. Certificates from accredited High Schools are not normally recognized but pupils are sometimes admitted if they occupy a position in the first fifth of their class and are specially recommended for University work by their Principals.

Miscellaneous.

Other certificates, such as those issued by reputable universities or recognized public Examining Boards, will be judged on their merits and accepted in so far as they meet the entrance requirements.

II. SUBJECTS OF EXAMINATION

(For 1935)

A. For admission to the Arts Division of the Faculty of Arts and Science.

	Maximum Marks	
1.	200	**English.**
2.	100	**History.**
3.	200	**Latin** *or* **Greek.**
4.	200	One of the following: **Greek** *or* **Latin** (the one not already chosen); **French; German.**
5.	200	**Elementary Mathematics.**
6.	100	One of the following: **Botany; Chemistry; Physics; Music;** one paper in **Intermediate Mathematics;** a **foreign language** not already chosen (*the average of the two papers is counted*).
	Total 1,000	

B. For admission to the Science Division of the Faculty of Arts and Science.

	Maximum Marks	
1.	200	**English.**
2.	100	**History.**
3.	200	**French** *or* **German.**
4.	200	**Elementary Mathematics.**
5.	100	One of the following: **Botany; Chemistry; Physics.**
6.	200	*Either* **Latin** or **French** or **German** (if not already chosen) *or* any two of the following papers not already chosen: (a) **Intermediate Algebra.*** (b) **Intermediate Geometry and Trigonometry.*** (c) **Botany.** (d) **Chemistry.** (e) **Physics.** (f) **Music** or **Drawing** (Music and Drawing may not both be chosen).
	Total 1,000	

The "maximum marks" above are those of the University's Junior Matriculation Examination and have no reference to any other Examination.

The High School Leaving Biology Examination or any equivalent examination of another Province in Biology will be accepted as an alternative to Botany, Chemistry or Physics.

*Candidates who intend to enter Engineering ultimately are advised to choose these papers.

C. For Admission to the School of Commerce.

The B.A. or B.Sc. Junior Matriculation Examination, but in the case of the latter Spanish may be substituted for French or German.

D. For Admission Requirements of other Faculties and Schools see pages 71 to 74.

PRESCRIPTION OF WORK IN EACH SUBJECT

For 1935

In all papers marks will be deducted for bad errors in spelling.

Books containing the examination papers set either in June or in September of any year may be obtained from the Bursar's Office at 25 cents a copy.

Botany.

Candidates will be examined on the following schedule:—

1. The form, structure and work of plants, especially higher plants, and of their various organs.

Bergen and Caldwell, Chapters I to IX and XXI, with some amplification as to microscopic structure and physiology. The practical work in Eikenberry provides a basis for this amplification. The teacher is referred to Gager, Parts I and II.

2. Broad classifications and comparative study of the main groups of plants; familiarity with standard types.

Bergen and Caldwell, Chapters X to XIX.

3. Distinguishing characters of the commoner families of flowering plants (Bergen and Caldwell, Chapter XX). Field study; an elementary acquaintance with the flora and ecology of the district in which the candidate lives (The remaining chapters of Bergen and Caldwell may serve as a guide, but first hand acquaintance with local plants is mainly desired).

Text-books:—Bergen and Caldwell's "Practical Botany," to be used with Eikenberry's "Problems in Botany," a laboratory manual for the guidance of teachers. Gager's "General Botany," and Macgregor Skene's "Biology of Flowering Plants" are also recommended for teachers.

Chemistry.

An elementary treatment of the fundamental principles of chemistry, with the preparation and properties of the commoner elements and their most important compounds, the application of these in the home and in the industries, the laws of chemical action, the essential hypotheses, etc.

Text-book:—"Elementary Chemistry for High Schools" (Revised Edition) by Nevil Norton Evans (W. J. Gage & Co. Ltd., Toronto), Chaps. I-XXV inclusive.

One examination paper.

Drawing.

Candidates must take two parts. They may take *either* (a) Parts I and II *or* (b) Parts III and IV *or* (c) *one* of III and IV and *one* of V and VI.

PART I

Elementary problems in Geometrical Drawing, with applications, as in Part I of Armstrong's Geometrical Drawing (Renouf Publishing Co.).

PART II

(*a*) Reproduce freehand ornament designs from flat copies.
(*b*) Make drawings, by freehand, or otherwise, of objects described, illustrating the principles of perspective.
(*c*) Make outline drawings of objects placed at a short distance.

PART III

Draw in light and shade, with charcoal or pencil, from a plaster cast or ornament in high relief.

PART IV

Make water colour drawings of still life groups.

PART V. COMMERCIAL ART

(*a*) Lettering, including Roman and Gothic.
(*b*) Posters, Magazine Page Advertisements.
(*c*) Illustration, in colour and otherwise.

PART VI. CRAFT DESIGN

(*a*) Principles of ornament and decoration.
(*b*) Historic Styles.
(*c*) Themes, compositions or designs, founded on flowering plants, birds, fishes, butterflies, animals and humans, for specific purposes such as:—wall papers, embroideries, silver and copper work, jewellery, stained glass, decoration of pottery, cups and saucers, etc.

English.

A. Composition. As in the Ontario High School Composition, pages 198 to the end, *or equivalent*, with a short essay on a general subject and two or three essays based on the work prescribed for general reading (Numbers 3, 4, 5, and 6 below).

B. Literature.

For critical study.

1. 1935 Wordsworth, Keats, and Browning, in Poems of the Romantic Revival, pages 29-56; 107-162 *or* in "Nineteenth Century Poetry" edited by Dilworth and published by Copp, Clark Company, Toronto. 1936 Byron, Shelley and Tennyson, in the above texts.

2. Shakspere: Plays in rotation: 1935 Richard III.
   1936 Julius Caesar.
   1937 Macbeth.

For general reading.

3. Novels in rotation: 1935 Scott, Kenilworth.
   1936 Thackeray, Henry Esmond.
   1937 Eliot, The Mill on the Floss.

4. Shakspere: Plays in rotation: 1935 Twelfth Night.
   1936 As You Like It.
   1937 The Tempest.

5. Macdonald, English Prose Selections. Part 2.

6. Stevenson: An Inland Voyage and Travels With a Donkey.

General questions on the books in the group "for general reading" (3, 4, 5, and 6) will be included in the paper on Literature. These books should be read carefully, but the student's attention should not be so fixed upon details that he fails to appreciate the main purpose and beauty of the work.

Candidates will be expected to commit to memory passages selected by teachers from the work prescribed "for critical study" in poetry and drama.

Two examination papers—one on Composition and one on Literature.

French.

Prescribed Texts for 1935: Maupassant: Contes de Guerre (O.U.P.), and Daudet: La Belle Nivernaise (Heath).

Prescribed Texts for 1936: Maupassant: Contes de Guerre (O.U.P.), and About: L'Homme à l'oreille cassée (O.U.P.).

Recommended Grammars: Fraser and Squair (Heath) *or* Bertenshaw (Longman), *or* Berthon (Dent), *and* Cameron: Elements of French Composition (Holt).

Grammar:—A thorough knowledge of French accidence and common syntax.

Texts:—Questions on the texts to be answered in French; translation from the texts.

Translation:—Translation into French of detached English sentences and an easy piece of continuous prose.

Composition:—**Either* a short essay to be written in French **or* The reproduction in French of a story read to the candidates in French in the examination room.

**These sections are alternatives, candidates for entrance to the University being strongly advised to choose the latter, if possible.*

There are two papers:—I Texts and Grammar, II Composition and Translation.

All examination questions are set in French.

German.

Texts.—(Translation and grammatical study):—

Guerber, Märchen und Erzählungen Vol. I. (Heath), omitting Nos. 3, 4, 10, 14 and Poems; Baumbach, Der Schwiegersohn (Copp, Clark Co.).

Grammar.—A thorough knowledge of German accidence and syntax as in Van der Smissen, or any other German grammar of equally good standing.

Translation at Sight into English of a German passage of moderate difficulty.

Translation into German of detached English sentences and of an easy English passage. Material for such translation is selected with a view to exemplifying the points of grammar included within the above limits.

Two papers; one on prescribed texts and grammar, including translation of short English sentences into German, and one on translation of continuous passages from German into English and from English into German.

Greek.

Texts:—Colson, Greek Reader (Macmillan) Parts III, IV, V; Homer, Iliad I, lines 1 to 392.

Grammar.—Knowledge of grammar will be tested by translation and by grammatical questions based on the specified texts.

Translation at Sight from Greek into English.

Two examination papers; one on Colson and Composition; the other on Homer and Translation at Sight.

History.

General History from 1618–1914.

Any standard General History such as Myers, General History (Ginn & Co.), or Hayes and Moon, Modern History (Macmillan), pp. 143–575, may be used as a text book.

or

British History from 1714–1914

Text-book: The Groundwork of British History by Warner and Martin. (Blackie & Sons, Edinburgh) or any similar text-book.

One examination paper.

Undue adherence to a text book should be avoided and teachers should impress on pupils that the examination will be on the period and not on any one book used. To this end the following are recommended for supplementary reading. It is suggested that they be used and discussed with close reference to class work. At least one from each group should be read and a general knowledge of the three books chosen will be assumed for the examination.

General History

(a)	R. Lodge	Richelieu (Macmillan).
	Macaulay	Frederick the Great (Everyman).
	Young	Travels in France (Bohn's Popular Library).
(b)	H. Fisher	Napoleon (H.U.L.)
	J. Holland Rose	The Personality of Napoleon (Bell).
	E. Ludwig	Bismarck (Allen & Unwin).
(c)	Bolton King	Mazzini (Everyman).
	G. M. Trevelyan	Garibaldi and the Thousand (Nelson).
	Ramsay MacDonald	The Socialist Movement, 1835–1911 (H.U.L.)

British History

(a)	Horace Walpole	Selected Letters (Everyman).
	G. O. Trevelyan	C. J. Fox (Longmans).
	J. Holland Rose	A Short Life of Pitt (Bell & Co.).
(b)	J. L. and B. Hammond	The Village Labourer (Longmans).
	Disraeli	Sybil (Macmillan).
	Cobbett	Rural Rides (Everyman).
(c)	Lytton Strachey	Queen Victoria (Harcourt).
	R. Barry O'Brien	John Bright (Murray).
	G. B. Shaw	John Bull's Other Island (Constable).

Italian.

Prescribed texts:—Bowen's Italian Reader (Heath); Manzoni, I promessi sposi.

Grammar.—A thorough knowledge of Italian accidence and of those points of syntax which are of more frequent occurrence in an ordinary easy style.

Translation at Sight into English of an Italian passage of moderate difficulty.

Translation into Italian of detached English sentences and an easy English passage. Material for such translation is selected with a view to testing the candidate's general knowledge of Italian grammar.

Books recommended:—Grandgent's Italian Grammar (Heath); Grandgent's Italian Composition (Heath).

Two papers will be set; one on grammar, including translation of short English sentences into Italian, and one on translation of continuous passages from Italian into English (from prescribed texts) and from English into Italian.

Latin.

Texts (Translation and Grammatical study).

Cicero, In Catilinam 1 and 4 (omitting Chapter VI in each speech); Virgil, Aeneid, Book I.

Grammar.—Knowledge of grammar will be tested by translation and composition, and by grammatical questions based on the specified texts.

Translation at Sight from Latin into English.

Composition.—Translation into Latin of detached English sentences and easy narrative.

Two examination papers; one on Cicero and Composition, and the other on Virgil and Translation at Sight.

NOTE.—The "Roman" method of pronouncing Latin is recommended.

Elementary Mathematics.

Algebra.—Elementary rules, involution, evolution, fractions, indices, surds, simple and quadratic equations of one or more unknown quantities, ratio and proportion, as in Hall and Knight's Elementary Algebra. Chapters I to XXXII (omitting portions marked with an asterisk and Arts. 303-311), or as in similar text-books.

One examination paper.

Geometry.—The paper will contain questions on practical and on theoretical geometry.

In practical geometry, where the validity of a construction is not obvious, the reasoning by which it is justified may be required. Every candidate must provide himself with a ruler graduated in inches and tenths of an inch, and in centimetres and millimetres, a set square, a protractor, compasses and a hard pencil. All figures should be drawn accurately.

The questions on theoretical geometry will consist of theorems contained in the text-book prescribed, together with questions upon these theorems, easy deductions from them, and arithmetical illustrations. Any proof of a proposition will be accepted if it forms part of a systematic treatment of the subject.

In the proof of theorems and deductions from them, the use of hypothetical constructions will be permitted. Proofs which are only applicable to commensurable magnitudes will be accepted.

Text-book recommended:—Hall and Stevens' School Geometry, pp. 1-203, 219-265, 267-276 and Theorems 69, 70, 71, 72.

One examination paper.

Intermediate Mathematics.

Algebra.—The three progressions, variations, permutations and combinations, binomial theorem, logarithms, theory of quadratic equations, as in the remainder of Hall and Knight's Elementary Algebra (omitting chaps. 40 to 44 inclusive), or as in similar text-books.

One examination paper.

Geometry.—As in Hall and Stevens' School Geometry, pp. 192-322, or as in similar text-books.

Trigonometry.—Measurement of angles, trigonometrical ratios or functions of one angle, of two angles, and of a multiple angle; as in Lock's Elementary Trigonometry, Chaps. I to XII; Hall and Knight's Elementary Trigonometry, Chaps. I to XII, inclusive; Hall and Knight's Elementary Trigonometry, revised Canadian edition, Chaps. I to X, inclusive; or as in similar text-books.

Geometry and Trigonometry will be included in one examination paper.

Four-figure mathematical tables will be provided.

Music.

The Intermediate Grade Certificate of McGill University in practical subjects and the Junior Grade Certificate in theoretical *or* vice versa. (Details will be found in the Announcement of the Conservatorium of Music.)

Physical Geography.

(Recognized for admission to the Faculty of Agriculture only.)

Tarr's new Physical Geography, Chapters I to XIV and appendices A to H inclusive, or the Ontario High School Physical Geography (Ryerson Press).

Physics.

The Ontario High School Physics (1923 edition), Copp Clark Co., omitting the following:—

Sections 26-29, 37, 41, 43, 47, 48, Problems page 47, Section 60, 61, 65, Pages 72–73, Sections 81, 82, 87, 101, 105, 106, 108, 111, 112, 114–118, 121–124, 127, 129, 130, Problems page 122, Sections 131, 132, 135, 136, 138–146, 149, Problems pages 139, 140, Chapters XVI-XXI, Sections 231, 232, 271, 273–275, 278, 279, 288–293, Chapters XXXI-XXXVIII, Sections 399, 401–403, 406, 409, 413, 429 (first part), 433, 438, 439, 443, 451, 452, 456, 458–460, Problems page 425, Sections 463, 470, 473, 480, 481, 487, 496, 498–500, 506, 509, 510, 512, 514, 519, 520, 522, 527, 532, 533, 536, 538–540, 545–548, Chapter XLIX.

Candidates will not be asked to solve problems depending upon the omitted sections.

The following portions, though omitted above, should be read. No questions upon them will be set in the examination.

Chapter XVI, Sections 131, 132, 291, 292, 506, Chapter XLIX.

One examination paper.

Spanish.

Two papers will be set, containing (1) questions on grammar and syntax, (2) passages for translation from prescribed text-books, (3) unseen translation from Spanish into English, and (4) translation from English into Spanish.

Texts prescribed:—Juan Valera's "El pajaro verde" (Ginn & Co.): Hills & Cano, "Cuentos y Leyendas" (Heath & Co.).

Books recommended:—Coester's Spanish Grammar (or any other good Spanish grammar); Cool's Spanish Composition.

SENIOR MATRICULATION

For admission to the Second Year of the Faculty of Arts and Science (see also page 103), and to the First Year of the Faculty of Engineering.

For Junior Matriculation see page 75.

REGULATIONS

1. Senior Matriculation Examinations are held at the same time and in the same centres as the Junior Matriculation Examinations (see page 75).

2. Every candidate is required to fill out an application form and return it with the necessary fee to the Registrar's Office before the 20th of May or the 20th of August for the June and September examinations respectively. Applications received after these dates are not accepted and the accompanying fees are returned. The fee is two dollars per paper with a minimum fee of three dollars and a maximum fee of fifteen dollars. The application forms may be obtained from the Registrar's Office.

3. To obtain the Senior Matriculation Certificate a candidate must pass in each of the required papers (see below), and must complete the examination within a period of sixteen months.

4. The pass mark in each paper is 50%.

5. The University cannot promise to admit every candidate who has passed the Senior Matriculation Examination (see page 103).

PREVIOUS PAPERS

Books containing the examination papers set either in June or in September of any one year may be obtained from the Bursar's Office at 25 cents a copy.

CERTIFICATES RECOGNIZED

The following certificates will be considered on their merits towards meeting the Senior Matriculation requirements:—

Province of Ontario.

Upper School Certificate.

Province of Nova Scotia.

Grade XII Certificate.

Province of Prince Edward Island.

Third Year Certificate of the Prince of Wales College.

Province of Manitoba.

Grade XII Certificate.

Provinces of Alberta and Saskatchewan.

Grade XII Certificate.

Province of British Columbia.

Senior Matriculation Certificate.

Newfoundland.

Senior Matriculation Certificate.

Great Britain.

The Higher Certificates of:—

The Oxford and Cambridge Schools Examination Board.
The Oxford Local Examination Board.
The Cambridge Local Examination Board.
The Northern Universities Joint Examination Board.
The Central Welsh Board.
Durham University.
Bristol University.
London University.

REQUIREMENTS

1. Arts Division

For admission to the Second Year of the B.A. courses.

English.
Latin *or* **Greek.**
Mathematics *or* **a third foreign language.**

Any two of the following:—

1. **History.**
2. **Latin** *or* **Greek** (the one not already chosen).
3. **French.**
4. **German.**
5. **Science** (**Physics** *or* **Chemistry** *or* **Biology**).

Candidates cannot substitute a third foreign language for Mathematics unless they have passed in the Mathematics prescribed for Junior Matriculation.

II Science Division

For admission to the Second Year of the B.Sc. courses.

Chemistry.
English.
French *or* **German.***
Mathematics.
Physics.

III. Commerce

For admission to the Second Year of the B.Com. courses.

English.
Mathematics.
French *or* **German** *or* **Spanish.**
Accountancy.

Any two of the following:—

1. **Latin** *or* **Greek.**
2. **French** *or* **German** *or* **Spanish** (one not already chosen).
3. **Physics** *or* **Biology** *or* **Chemistry.**
4. **History.**

*A candidate who has passed in Junior Matriculation French may satisfy the Senior Matriculation B.Sc. or B.Eng. German requirement by passing the Junior Matriculation examination in this subject with a pass mark of 50% in each paper.

IV. Engineering

For admission to the First Year of the Faculty of Engineering.

Chemistry.
English.
Mathematics.
Physics.
French *or* **German*** *or* **Latin** *or* **Greek** *or* **History.**

REQUIREMENTS IN EACH SUBJECT

(For 1935)

Accountancy.

Principles of double-entry, control accounts, trading and profit and loss statements, balance sheets, various forms of Cash Books, imprest system petty cash, Departmental Journals, Bills Registers, reserves for discounts, bad debts and depreciation, single-entry, consignments, working sheets, inward and outward freight, capital and revenue expenditure, bills of exchange, bills of lading, etc.

Text-books:—"Accounting Principles and Practice," by Smails and Walker (Ryerson Press, Toronto), Chapters 1-7 inclusive, and "One Hundred and Twenty Graduated Exercises in Book-keeping," by Thompson (Pitmans, Toronto). Exercises A to Q, inclusive.

One examination paper.

Further details will be given on application to the Registrar.

Biology.

Text-books:—Dakin, Elements of General Zoology (O.U.P.); Tansley, Elements of Plant Biology (Allen and Unwin).

The candidate will be expected to show a general elementary knowledge of Zoology and Botany along the lines suggested by the recommended books; he should be familiar with the more important living natural resources of Canada, with the need for their proper development and conservation, and with the importance of parasites and economic pests in human welfare; he should also know something of the principles of heredity and of the rôle of vitamins and hormones in the regulation of growth and metabolism.

In addition, a certificate will be required, signed by the Principal of the school attended, to the effect that the candidate has regularly carried out the necessary laboratory work on the course indicated.

One examination paper.

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*A candidate who has passed in Junior Matriculation French may satisfy the Senior Matriculation B.Sc or B. Eng. German requirement by passing the Junior Matriculation examination in this subject with a pass mark of 50% in each paper.

Chemistry.

Text-book:—Schlesinger, General Chemistry (1930), omitting pages 328-343, 409-444, 495-507, 517-574, 710-739, 744-747.

Laboratory Manual: Evans, Hatcher, and Steacie, Laboratory Exercises in General Chemistry, is recommended.

One examination paper.

The student's notebook, setting forth his own laboratory work, certified by the Instructor and Principal of the School, must be forwarded before the examination to the Registrar for the examiner's evaluation.

Minimum laboratory work required: 20 experiments.

English.

Composition.—The examination will be designed mainly to test the candidate's ability to write English. He will be expected to have acquired a fairly clear and accurate style, to be able to arrange material in an effective fashion, and to show discrimination in the choice of words. In preparation for the examination it is suggested that students be required to write mainly on simple, expository subjects that are within the range of their actual experience.

Literature.—Candidates will be expected to have a general elementary knowledge of English literary history from the time of Chaucer, and the examination will be based upon a list of readings which may be obtained from the Registrar's Office.

French.

Bouvet, French Syntax and Composition (Heath); Lavisse, Histoire de France, Cours Moyen; Maupassant, Huit Contes Choisis; Jules Verne, Le Tour du Monde (Heath); Dumas, Les Trois Mousquetaires (Heath); Hugo, Gavroche (Oxford).

Murray and Casati, Revised Lessons in French (Rivington) will replace Bouvet for the 1936 examinations.

Translation at Sight from English into French and from French into English.

Two examination papers.

Oral Examination: An oral examination is held in centres where this is possible, and students intending to study French at the University are strongly advised to take this examination. The oral examination is given *in addition to* the two papers, and, when offered, counts for half the marks in the subject.

German.

Chiles, German Composition and Conversation (Ginn & Co.); Baumbach, Waldnovellen (Heath); Riehl, Burg Neideck (American Book Co.); Hauff, Das Wirtshaus im Spessart (Cambridge University Press).

Translation at Sight from German into English and from English into German.

Two examination papers.

Greek.

Homer, Iliad XXII (Pitt Press Series, Camb. Univ. Press); Lysias, pp. 30-92, in Shuckburgh's Lysias, Orationes (Macmillan).

N.B.—Although the above editions are suggested, others may be used.

The examination will include a paper on grammar, composition and sight translation.

Either of the following books is recommended for grammar:—First Greek Grammar, Rutherford (Macmillan); Goodwin's Greek Grammar (Ginn & Co.).

Two examination papers.

History.

General History of Europe from the break-up of the Roman Empire to the present day.

No text-book is prescribed. Such a book as J. H. Robinson's Introduction to the History of Western Europe (new brief edition in one vol., Ginn & Co.) would furnish the candidate with an adequate basis of knowledge. G. B. Adam's European History, an Outline of its Development, would also be found useful. The student will find Robinson's Readings in European History a valuable supplement to whatever text-book he uses.

Candidates should read at least one of the works in each of the following groups:—

(1) Einhard's Life of Charles the Great (tr. S. E. Turner, American Book Co., or W. Glaister, Bell & Son); Memoirs of the Crusades (Everyman's Series); Froissart's Chronicles (Everyman's Series).

(2) Machiavelli's Prince (Everyman Series); Macaulay's Essays on Machiavelli and on Ranke's History of the Popes; Motley's Rise of the Dutch Republic, Part III (Everyman's edition. vol. II).

(3) Macaulay's Essays on the War of the Succession in Spain and Frederick the Great; Carlyle's French Revolution.

(4) A. W. Kinglake's Eothen; G. M. Trevelyan's Garibaldi and the Thousand.

One examination paper.

Latin.

Cicero, De Amicitia, Ed. Shuckburgh (Macmillan). A book of Latin Poetry (Macmillan), Part I.

The examination will include a paper on grammar, composition and sight translation.

The grammar recommended is New Latin Grammar by Sonnenschein (Oxford Clarendon Press).

Two examination papers.

Mathematics.

Algebra.—Hall and Knight's Elementary Algebra (omitting chapters 40-44, inclusive), or the same subject matter in similar text-books, and the elements of Graphical Algebra, particularly the graphs of the straight line, circle, parabola, ellipse, and hyperbola, and the curve $y=ax^3+bx^2+cx+d$, with applications to such problems as the construction of tangents and the determination of maxima and minima.

Suggested Text-book: H. S. Hall, A Short Introduction to Graphical Algebra (Macmillan).

Plane and Solid Geometry.—Hall and Stevens' School Geometry to Theorem 98, inclusive, omitting pp. 319 to 346, inclusive.

Trigonometry.—Hall and Knight's Elementary Trigonometry, Chapters I to XVI, inclusive, and pp. 198, 199, or Hall and Knight's Elementary Trigonometry, revised Canadian edition, Chaps. I to XIII, inclusive, and pp. 204, 205.

Two examination papers, one on Algebra and one on Geometry and Trigonometry.

Four-figure mathematical tables will be provided.

Physics.

A general knowledge of the more important principles of elementary physics will be required.

Text-book:—Kimball, College Physics (Henry Holt & Co., New York, 1912).

Laboratory Manual: First Year Course in Experimental Physics (Elementary Section), Renouf Publishing Co., Montreal.

The student's notebook, setting forth his own laboratory work, certified by the Instructor and Principal of the School, must be forwarded before the examination to the Registrar for the examiner's valuation.

Minimum laboratory work required: all the starred experiments in the manual.

One examination paper.

Spanish.

Two papers will be set as in the Junior Matriculation, but the examination will be of a more advanced character.

Text-books prescribed:—Baroja's "Zalacain el aventurero" (Heath & Co.); Azorin's "Las Confesiones" (Heath & Co.).

"Temas españoles," Crawford (H. Holt & Company).

ENTRANCE SCHOLARSHIPS

Unless otherwise stated, applications for these scholarships must be made to the Registrar before August 1st.

Unless otherwise stated, Entrance Scholarships are awarded on the results of the Junior Matriculation and Quebec High School Leaving Examinations.

GENERAL REGULATIONS

1. Scholarships will be awarded only if an adequate standard is attained.
2. In order to retain his scholarship a successful candidate must proceed regularly with his college course to the satisfaction of the Faculty.
3. Entrance Scholarships may occasionally be held over for a year if the winner is preparing for Senior Matriculation or an equivalent examination. For permission apply to the Registrar.
4. The annual income of the scholarships will be paid in four instalments viz.:—In October, December, February and April, about the 20th of each month.

The Ottawa Valley Exhibitions

These three exhibitions are:—

1. The P. S. Ross Exhibition, of the value of $100, founded by Mr. P. D. Ross, B.A.Sc., in memory of his father, the late Mr. P. S. Ross.
2. The Ottawa Valley Graduates' Society Exhibition of the value of $75.
3. The Dr. H. Ami Exhibition, of the value of $50, given by Mrs. H. Ami in memory of her husband, the late Dr. H. Ami.

These exhibitions are given through the Ottawa Valley Branch of the Graduates' Society and are open only to bona fide residents of the Ottawa Valley. The exhibitioners are selected by the University from candidates who have written (1) The McGill Junior Matriculation Examination or (2) The Quebec High School Leaving Examination or (3) The Ontario Middle School Examination. In exceptional cases a candidate who has written the McGill Senior Matriculation or the Ontario Upper School Examinations may be considered.

The Sidney J. Hodgson Exhibitions

Two exhibitions, one of $200 and one of $150, were founded by Arthur J. Hodgson, Esq., in memory of his son, Sidney James Hodgson, a student of the First Year in Arts, who was killed in action on September 27th, 1918, while serving in the 66th Battery of the Canadian Field Artillery. They are open to pupils of Westmount High School who have been in attendance for at least one year, and are awarded on the result of the

June matriculation examination to the two pupils who obtain the highest and the second highest percentage, respectively, on the subjects required for entrance to the Faculty of Arts and Science, and who attend the University during the ensuing session.

Bursaries Granted by the Imperial Order of the Daughters of the Empire

These bursaries of the annual value of $300, tenable for four years at any university, are open to the sons and daughters of deceased or permanently or seriously disabled soldiers and sailors. At least one is available for each Province each year. Information may be obtained from the Provincial Educational Secretary, Room 1111, Mount Royal Hotel, Montreal.

Scholarship Granted by the Graduates' Society of the District of Bedford

This scholarship has an approximate value of $140 and is awarded annually to a "matriculated student in Arts and Science whose parents reside in the District of Bedford and whose candidature has been approved by a committee of the Society."

Narcissa Farrand (Mrs. N. Pettes) Scholarship

This scholarship, of $300 ($150 for two years), founded by Mr. and Mrs. H. V. Truell, of Sweet Acre, Knowlton, Que., and endowed by them with the sum of $7,000 out of the Narcissa Farrand Fund, is awarded annually to the candidate from the Eastern Townships who obtains the highest marks at the Arts and Science matriculation examination in June, and who has had his domicile in the Eastern Townships for five consecutive years immediately preceding the examination.

The Grace Fairley Trafalgar Scholarship

Founded in 1913 by certain friends and former pupils of the late Miss Grace Fairley, to signalize her long and faithful service to education as head of the Trafalgar Institute. It is of the value of $135, is tenable for one year only, and is awarded annually to the student of Trafalgar Institute who obtains the highest marks in the June matriculation examination and enters the Faculty of Arts and Science.

Scholarship for Holders of Intermediate Diplomas

A scholarship of $150 is offered annually in the Faculty of Arts and Science to holders of Intermediate diplomas obtained after a course of study in Macdonald College.

Candidates must apply through the Dean of the School for Teachers before May 1st, and must satisfy the entrance requirements of the Faculty of Arts and Science and declare their intention to proceed to a First Class High School diploma.

The scholarship is awarded on the academic subjects of the examination for the Intermediate diploma; but although the practice marks are not taken into account directly, the opinion of the Macdonald College staff as to the general fitness of the applicant for a University course is considered. If there is no applicant from the graduating class in any year, application from graduates of previous years are considered on their merits.

Holders of this scholarship are permitted to count practice teaching and post-graduate work towards the fulfilment of their agreement to teach for a period of three years in the Province of Quebec.

The Sir William Macdonald Entrance Scholarships in Arts and Science

Five scholarships of $150 each, endowed by Sir William Macdonald, and open only to men, are awarded upon the June Matriculation results and are tenable in the Faculty of Arts and Science. Three of the five are given to candidates not domiciled in the Island of Montreal.

University Entrance Scholarships in Arts and Science

Three scholarships of the value of $100 each and two of the value of $75 each (one of each value open to candidates not residing on Montreal Island) are offered for entrance to the Faculty of Arts and Science, and are awarded on the result of the matriculation examination in June.

Royal Victoria College Entrance Scholarships

Two scholarships, open to women only and conditional on residence in the Royal Victoria College, are offered each year, one of the value of $200 and one of $100. These are awarded on the result of the matriculation examination.

The Hon. Robert Jones Scholarship

THE HON. ROBERT JONES SCHOLARSHIP, valued at $125 per annum, "is granted from time to time to some poor student for the full term of study in the Faculty of Arts and Science or Engineering."

Application for this scholarship should be made before August 1st through the Dean of the Faculty of Arts and Science or Engineering, as the case may be. The scholarship is not continued if the standing of the holder proves to be unsatisfactory.

The Robert Bruce Bursaries and Scholarships

One bursary of $100, is open each year to "young men and women of promising abilities but of straitened circumstances in Arts and Science or Engineering."

One scholarship of $100 for one year is awarded for high standing in the June Junior Matriculation Examination.

For the first twenty-five years students of Scottish extraction will be given the preference.

The Lord Atholstan Scholarship

1. This scholarship, of the value of $1,000, has been given by the Right Honourable Lord Atholstan for competition among the pupils of Huntingdon Academy who have taken their full high school course of study in that institution. It is awarded to the pupil in this category who obtains the highest standing at the June Matriculation Examination and attends McGill University as a full undergraduate during the subsequent session.

2. The holder will receive $250 a year for four years, but the scholarship will be forfeited at any stage through failure to satisfy the regulations of the University regarding advancement from year to year. The annual amount will be paid in four equal instalments.

The Edith Silver Memorial Scholarship

1. This scholarship of $100 founded by The Delta Phi Epsilon Sorority, is awarded on the result of the June University Matriculation Examination or the High School Leaving Examination of the Province of Quebec covering the subjects required for admission to the Faculty of Arts and Science.

2. It is open to women students who obtain over 70% of the total marks possible and is awarded to the applicant who stands highest in this division and needs assistance to undertake the course.

The Isabella C. MacRae Scholarship

This scholarship of $175 is open to residents of Maxville, Ont., who have satisfied the requirements for entrance to McGill University. Should there be no applicants from this locality for six years, the scholarship will be open to any resident in Ontario.

The Christie-Storer Chapter Scholarship

A scholarship of the value of $150 is given by the above-named Chapter of the I.O.D.E. to the pupil of St. Lambert High School who stands highest in the June Matriculation Examination each year, provided that the pupil's aggregate is at least 700 marks out of a possible 1,000.

Canadian Pacific Railway Scholarships

Scholarships covering one year's tuition in the Faculty of Arts and Science and four in Chemical, Civil, Mechanical, or Electrical Engineering, or five years in the School of Architecture are awarded annually by the Canadian Pacific Railway Company. These are open for competition to apprentices and other employees of the Company under twenty-one years of age, as well as to minor sons of employees. The scholarships are normally awarded upon the results of the University Junior Matriculation Examination or the High School Leaving Examination of the Province of Quebec in June, but may be awarded upon the results of Matriculation examinations of other provinces, provided that the examination papers written are those required by McGill University and that a list of these papers is submitted with the application for approval by the University. Forms of eligibility and full particulars as to number of scholarships available, etc., may be obtained from Mr. F. J. Curtis, Staff Registrar and Secretary, Pension Department, C.P.R. Offices, Montreal. Applications, accompanied by statements of eligibility from Mr. Curtis, must reach the Registrar's Office before May 15th.

The Beatty Scholarships

Two scholarships, of the value of $600 each, have been founded by Dr. E. W. Beatty, Chancellor of the University. The scholarships are payable at the rate of $150 per annum for four years, and are tenable only in the Faculty of Arts and Science. one by students pursuing a

course in Honour Classics (Greek and Latin), the other by students studying Honour Mathematics or Honour Mathematics and Physics, throughout four years. The award is made on the standing of the candidates in the McGill Matriculation and Quebec High School Leaving Examination, and a special examination in June. This special examination is, in the case of Classics, in the form of two papers on prose and sight work and, in the case of Mathematics, of a special three-hour paper on topics of Algebra, Geometry and Trigonometry of the standard of Intermediate Mathematics. (See page 85.)

Applications must reach the Registrar's Office before May 15th.

These scholarships are open only to male students, educated in Canadian schools, whose parents are British or Canadian born.

The holder of the scholarship must read for Honours in the subject in which he won the scholarship.

Affiliated Theological College Scholarships

THE UNITED THEOLOGICAL COLLEGE SCHOLARSHIPS.—The Board of Governors of the United Theological College offers scholarships for the payment of fees of undergraduates in Arts and Science who are registered at this College as in training for the study of theology with a view to the Christian Ministry and who have passed with credit the sessional examinations. For particulars, application should be made to the Principal, 3506 University Street, Montreal.

PRESBYTERIAN COLLEGE SCHOLARSHIP.—The Board of Management of the Presbyterian College offers a number of scholarships for the payment of fees of undergraduates in Arts and Science who are registered at the Presbyterian College as in training for the study of theology with a view to the Ministry and who have creditably passed the sessional examinations. For further particulars, application should be made to the Principal, the Presbyterian College, 3485 McTavish Street, Montreal.

APPLICATION FOR ADMISSION

Application forms for all years in the Faculty of Arts and Science, and for the First Years in Engineering and Medicine may be obtained from the Registrar's Office. Application for admission to other faculties or years should in the first instance be made by letter to the Registrar.

ADMISSION FROM OTHER UNIVERSITIES

A student of another university applying for exemption from any subject or subjects which he has already studied is required to submit with his application a Calendar of the University in which he has previously studied, together with a complete statement of the course he has followed and a certificate of the standing gained therein.

MEDICAL EXAMINATION

In order to promote as far as possible the physical welfare of the student body, men students of the First and Second Years and women students of the First and Third Years in every faculty, and all students coming to the University for the first time, are required to be medically examined. The hours of such examination are announced at the beginning of the session. Any student who has failed to comply with this regulation before the 1st of November will be fined $5. Any student who has failed to comply before the 8th of November will be fined an additional $5. Any student who has failed to comply before the 15th of November will be suspended. Re-examinations are held frequently throughout the session for those students who are of low category, or who are suffering from physical disability.

Students of all years, who wish to engage in athletic activities, are also required to be medically examined.

VACCINATION

All students entering the University for the first time are required to present a certificate, or other satisfactory evidence, of successful vaccination within seven years, or of insusceptibility to vaccine within five years. Failing this, students must be vaccinated at once in a manner satisfactory to the medical examiner.

The penalties for non-compliance with this regulation are those stated above for the medical examination.

HEALTH SERVICE

Provision is made by the Department of Physical Education for the care of the health of undergraduates during the session. If a student's admission to Hospital is requisitioned for by the Department, but not otherwise, one-half of all public ward charges is met by the University. A leaflet and handbook concerning this service and the general work of the Department are distributed at the opening of the session.

FACULTY OF ARTS AND SCIENCE

The undergraduate work of the University in the Humanities or Arts, in Pure Science, and in Commerce, is done in McGill College, usually called the Faculty of Arts and Science. The Faculty has, for administrative purposes, three divisions, the Arts Division, the Science Division, and the School of Commerce. The Arts and Science divisions have each a Dean, the School of Commerce a Director. The Faculty as a whole controls all the undergraduate work in these divisions. The Arts Division supervises the work of all students reading for the degree of Bachelor of Arts (B.A.), the Science Division that of all students reading for the degree of Bachelor of Science (B.Sc.), the School of Commerce that of all students reading for the degree of Bachelor of Commerce (B. Com.). Details of the requirements for the degree of B. Com. are given on pages 187 to 200.

Women Students.

Women are admitted to the courses and to the degrees of the Faculty on the same terms as men, but in the more elementary courses they are usually taught in separate classes.

Entrance Requirements.

Students may be admitted into the Faculty as full undergraduates after passing either the Junior or the Senior Matriculation Examinations or equivalent examinations, in the requisite subjects (See pages 79, 89). A student with incomplete matriculation qualifications is not admitted as an undergraduate.

Period of Study for Degree.

The bachelor's degree may be obtained only by students who have regularly attended the prescribed courses for at least four years after being admitted into the first year or for at least three years after being admitted into the second year. Candidates are only admitted to advanced standing in the third year under exceptional circumstances and at least two full years of resident study are required for the Bachelor's degree. Such students must also obey the regulations of the Faculty governing undergraduate courses of study.

Classes of Students in the Faculty.

(1) *Undergraduates:* Students with complete matriculation qualifications taking the regular work of their year towards a degree.

(2) *Limited Undergraduates:* Students with complete matriculation qualifications who have been given the permission of the Dean of the Faculty to distribute the four years' work over five or more years (but not more than eight years), on the understanding that the sequence of courses conforms to the regular undergraduate rules and time table.

Limited Undergraduates are not eligible for scholarships, exhibitions, bursaries or prizes of any description and may not read for an Honour Degree.

(3) *Partial Students:* Students not studying for a degree who are allowed to take one or more lecture courses. Partial students must obtain the Dean's permission to register and must satisfy the Chairmen of the Departments concerned that they have sufficient ability to do the work of the courses they desire to take. A student who has tried and failed to matriculate is not allowed to register as a partial student.

AGE OF ADMISSION

Except under special circumstances, no student under the age of sixteen is admitted to the First Year, or under the age of seventeen to the Second Year.

DEGREES OFFERED

The Faculty of Arts and Science offers courses of study leading to three degrees:

Bachelor of Arts.
Bachelor of Science.
Bachelor of Commerce.

The degrees offered in other faculties are stated on pages 71–74.

APPLICATION FOR ADMISSION TO THE FACULTY OF ARTS AND SCIENCE

All applications to enter the Faculty of Arts and Science must be made on forms which may be obtained from the Registrar's office. Completed applications must reach the Registrar before September 9th.

The number of admissions is limited and the College is not bound to accept applicants who have passed the required examinations.

ADMISSION TO THE SECOND AND THIRD YEARS OF THE FACULTY

Applications for entrance to the Second and Third Years of the Faculty should be made to the Registrar's Office on the proper forms, and must be accompanied by complete details of previous university work.

ENTRANCE REQUIREMENTS

1. A student may apply for admission to the First Year of the Faculty of Arts and Science after passing in the required subjects of the Junior Matriculation Examination or one of the Examinations recognized by the University as the equivalent of Junior Matriculation.

2. A student may apply for admission to the Second Year of the Faculty of Arts and Science after passing in the required papers of the Junior and Senior Matriculation Examinations or their recognized equivalents. Only in exceptional circumstances is a student who has not written and passed the Junior Matriculation Examination admitted by Senior Matriculation to the Second Year. At least a good average second class standing in Senior Matriculation or its equivalent is required for entrance to the Second Year.

3. Full details of these Examinations are given on pages 75 to 93.

REGISTRATION

Students whose applications (see page 102) have been accepted register in the Arts Building on September 27th, 28th, or 29th, between the hours of 9.30 a.m. and 4.30 p.m., and until noon on September 29th.

Upper year students also register in the Arts Building at the same time.

After September 29th all registration is done in the Registrar's Office and a special late registration fee must be paid (see page 105).

No student will be admitted after October 15th except by special permission of the Dean.

Women students of the Faculty, after registration, are required to enter in the roll book of the Royal Victoria College their names, home addresses and addresses in Montreal. Students of the Royal Victoria College not residing with their parents or guardians in Montreal, who do not apply for residence in the College, are required to submit their plans for residence in writing to the Warden and to obtain written approval.

ADVISERS

At the time of registration each student entering the First Year is interviewed by a member of the Committee of the Board of Student Advisers. At this interview the student is given any information or advice that he may need and is assisted in the selection of his courses. At the same time he is assigned to an adviser whom he may consult at any time and should consult at least once a month.

MEDICAL EXAMINATION, VACCINATION, ETC.

See page 100.

FEES

Tuition Fees

1. Annual undergraduate fee for British students..... $165.00
   By instalments: Each of two instalments..... 84.00
   Annual undergraduate fee for Non-British students..... 215.00
   By instalments: Each of two instalments..... 110.00

2. *Limited Undergraduates*
   In the First and Second Years, per course (British students) $35.00
   In the Third and Fourth Years, per course (British students) 45.00

3. *Partial Students*
   Per hour of instruction per week for a full course (British students)..... $15.00
   For the use of the Library..... 4.00
   The total Partial Fee will not exceed the full undergraduate fee.

4. Non-British Limited Undergraduates and Partial Students pay $10.00 a course or half-course more than the British fee.

5. *Laboratory Courses*
   Per hour of instruction per week (British students)..... $7.00
   Per hour of instruction per week (Non-British students).... 8.00
   Maximum for any one course for British students..... 35.00
   Maximum for any one course for Non-British students..... 40.00
   Maximum for any one British student..... 60.00
   Maximum for any one Non-British student..... 70.00

   These fees cover laboratory materials, reagents and use of instruments and apparatus but do not cover losses through waste, neglect or breakage. The charges under this head are deducted from the student's Caution Money.

6. Students of the Faculty of Arts and Science who are permitted by the Dean to take lectures in the School of Commerce as part of their regular course, pay an additional fee of $10.00 for each course in Commerce.

7. Graduates of the Faculty taking undergraduate lectures pay one-half the partial fee, with a maximum one-half that of the regular undergraduate fee. Graduates of other Universities attending full courses in affiliated theological colleges are allowed the same privilege. This does not apply to courses for which there is a special fee.

Other University Fees

8. Registration (British) $5.00
Registration (Non-British) 10.00
The Registration Fee is paid only once—when the student first enters the University.
Late registration, after September 30th 5.00
Late registration, after October 7th 10.00
Annual Health Service (see page 100) 5.00
Supplemental Examinations, each paper 10.00
Receipts for supplementals must be shown to the Dean's Office before the examination.
Graduation (British) 10.00
Graduation (Non-British) 15.00
Duplicate Graduation Diploma 10.00
Conferring degree *in absentia* 10.00
Certified copy of student's record 1.00
Fine for late medical examination (see page 100) .....5.00 or 10.00

9. *Caution Money.* Every student is required to make a deposit of $10.00 as Caution Money to cover damage done to furniture, apparatus, books, etc. This amount, less deductions, is returned at the close of the session.

Students' Activities

10. A sessional fee of $17.00 is payable by all men undergraduates and $12.00 by all women undergraduates, for the support of student organizations, for the rinks and tennis courts, and for admission to all home games under the control of the Athletic Board.

11. Partial students pay $3.00 for athletics and athletic grounds. If they desire such of the privileges of Section 10 as are open to them, an additional $9.50 is charged for men students and $7.50 for women students.

General Regulations

12. *Dates of Payment.* Fees are due and payable at the Bursar's Office between the hours of 9 a.m. and 1 p.m. on the following dates:—

Women students ..... { Thursday, October 4th / Friday, October 5th }

Men students ..... { Monday, October 8th / Tuesday, October 9th }

or, if desired, fees may be remitted by mail before the above dates.

The second instalment of tuition fees is due and payable on February 1st. An additional $2.00 is charged for payment after the specified dates.

13. Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of Regulation 12.

14. Any student who fails to pay his fees within a month of the prescribed date is suspended until all the fees due have been paid.

15. All fees are payable in Canadian currency.

16. Domicile in general determines whether a student pays the British or the Non-British fees. A student who is uncertain which rate he is required to pay should consult the Registrar.

STUDENTS' EXPENSES

1. Board and Residence.

For Men

No college residences have as yet been built for men students, but dormitory accommodation for about sixty is provided in Strathcona Hall, the home of the Student Christian Association of McGill University. Full particulars may be obtained from the Secretary of the Association, 772 Sherbrooke Street West, Montreal, who will also make arrangements to have students who are strangers to Montreal met on arrival and helped to secure lodgings, if due notice is sent of the station and time of arrival.

Before the opening of the session each year a list of Approved Lodgings, which have been inspected by a representative of the University, is issued by the Lodgings Committee. This list, which gives details of rooms, meals, prices, etc., may be consulted in the Registrar's Office, the Students' Union, Strathcona Hall, and other University Buildings. The list is not sent by mail.

Board and lodging for men may also be obtained in the Diocesan College, the United Theological College, and the Presbyterian College, which are theological colleges affiliated with the University.

Board is furnished in the McGill Union at low rates. The dining room accommodates over 120 students. There is also a lunch counter.

The cost of board and lodging in approved rooms varies from $35 to $60 per month. Separately, good board costs from $25, and a room from $12 upwards per month.

For Women.

See Royal Victoria College, page 182.

2. Approximate Total Cost Per Year for a British Student.

In all years the session extends approximately from October 1st to May 15th. At the end of their final year students usually remain for Convocation, which takes place about the 29th of May.

	Minimum	Moderate
Tuition fees*	$165	$165
Other University fees (average)	9	9
Athletics, Union, etc	17	17
Board and lodging	265	350
Books, apparatus and laboratory fees	44	59
Total	$500	$600

*The tuition fees for non-British students are given on page 104.

Undergraduates in Arts and Science residing in affiliated theological colleges, with a view to a course in theology, are able to obtain board and lodging for less than the minimum shown above, and the expense under the head of "Books" can be reduced by purchasing these second-hand.

In the above estimates no account is taken of personal expenses such as the cost of clothes, laundry, amusements, etc., nor of the caution money deposit of $10.00. (See page 105.)

For fees in Medicine, Engineering, Law, see pages 282, 209, 353.

UNIVERSITY LOAN FUND

A Student Loan Fund has been established by the University to assist needy students in the upper years of all Faculties. Loans are made only to students with good academic standing.

For further particulars students should consult the Dean of the Faculty.

WIVES OF MEMBERS OF THE TEACHING STAFF

Wives of members of the teaching staff may, with the consent of the lecturer concerned, attend any University course on payment of a fee of $10.00. Courses taken under this regulation cannot be counted towards a degree.

GENERAL INFORMATION

ADVANCED COURSES IN THE FIRST YEAR

The Departments giving instruction in the First Year offer special lectures or work of a more advanced character to students with adequate qualifications.

These advanced courses are generally arranged by the Departments when lectures actually commence and there is in such cases no separate registration for them.

GENERAL DEGREES AND HONOUR DEGREES

An undergraduate in the Faculty of Arts and Science may proceed to a General Degree, involving the study of a fairly wide range of subjects with a limited amount of specialization (see pages 113, 115) or to an Honour Degree, which after the First Year necessitates almost complete specialization in either one or two subjects (see pages 111, 117).

ATTENDANCE

1. Students are required to attend at least seven-eighths of the total number of lectures or laboratory periods in any one course.* Those whose unexcused absences exceed one-eighth of the total number of lectures in a course are not permitted to come up for the regular examination in that course, and those whose unexcused absences have exceeded one-fourth must repeat the work in that course.

Excuses on the ground of illness, domestic affliction or accident are dealt with only by the Deans of the respective Faculties.

Excuses for absences in excess of one-eighth are entertained only in cases of serious illness (which must be vouched for by a proper medical certificate), domestic affliction, and such other cases as are provided for by special regulations of the Faculty. Medical certificates covering absences must be presented at the Dean's office by the student immediately after his return to University work. Such certificates are filed, and, if they are accepted, the Dean gives the student a statement excusing the absences covered, which must be shown to all the professors concerned as promptly as possible.

2. Credit for attendance at any lecture or class may be refused on the grounds of lateness, inattention, neglect of study, or disorderly conduct in the class room or laboratory. These cases are dealt with by the Dean of the Faculty.

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*Physical education is included under this regulation.

3. Lectures commence at five minutes after the hour, on the conclusion of the roll call. After the commencement of a lecture students are not allowed to enter, except with the permission of the Professor. If permitted to enter, they report themselves at the close of the lecture and are marked "late." Two lates count as one absence. Lectures end at five minutes before the hour. In cases where it is impracticable to record late attendance, students who are not present at the commencement of the lectures are marked absent.

CHANGING COURSES

Students may change the courses for which they have registered provided that the changes do not conflict with the regulations and that the change is made within twenty days of the commencement of the session. **No changes can be made after this period.** Application to change courses must be made to the Registrar's Office.

PASS MARK AND CLASSES

The pass mark in all examinations is 50 per cent, and the marks for first and second class standing are 75 per cent and 60 per cent respectively.

INTERIM TESTS AND PROBATION

There are two regular interim tests for all students of the First Year, the first being held near the middle of November and the second during the week preceding the Christmas vacation.

The test is usually the equivalent of a standard examination of one hour.

All students who fail in more than one-third of these tests are placed on probation for the rest of the academic year. A student on probation is not allowed to become a member of a College athletic team, to hold office in any College society, or to take part in any major student activity. A student who fails in one-half or more of these tests is dropped from the University for that year and is not allowed to re-enter the University except with the consent of the Faculty.

MID-SESSIONAL EXAMINATIONS

There are no regular mid-sessional examinations in January except in courses which are given only in the first term, and in these courses the examination may be held in May with the other final examinations if the Department so desires. Members of the teaching staff may, however, give such interim examinations as they think necessary from time to time.

FINAL EXAMINATIONS

The final examinations are held in May.

SUPPLEMENTAL EXAMINATIONS

The regulations governing supplemental examinations are as follows:—

A student conditioned in a course may remove the condition during the next Calendar session by passing—

(1) the supplemental examination in September following, or,

(2) a special supplemental examination in February following, or,

(3) upon application to the Dean and on payment of the fee prescribed for a special supplemental (always on the understanding that there is no conflict in the time-table), at the sessional examination in May. If by the close of that session the condition has not been removed, the student may take, within the Calendar session next following, *but not thereafter*, one of the three separate examinations as enumerated above. All applications for supplemental examinations must be made to the Dean in writing.

Applications to write supplemental papers in September must reach the Dean's Office before September 1st.

Any student who fails in more than one-half of his subjects in the First Year is refused permission to return to the College. These students are not precluded, however, from entering the Second Year if they pass the full set of examinations required for Senior Matriculation. Any student who fails in one-half or more than one-half of his subjects in the Second, Third or Fourth Years will be obliged to repeat the Year.

The fee for supplemental papers and for special supplementals is $10.00 for each paper. These fees must be enclosed with the written application.

ADVANCEMENT FROM YEAR TO YEAR

Advancement to the Second Year.—A student may proceed to the Second Year with any one full course, or two half courses, unpassed.

Advancement to the Third Year.—A student may proceed to the Third Year with any one full course, or two half courses, unpassed, unless that full course, or one of the two half courses, belongs to the First Year.

Students of good standing, however, who have succeeded in passing all courses required in the Second Year may be allowed by special permission of the Dean to proceed into the Third Year carrying a condition in one full course, or in two half courses, from the First Year.

Advancement to the Fourth Year.—A student may proceed to the Fourth Year with any one full course, or two half courses, unpassed, unless that full course, or one of the two half courses, belongs to the First or Second Year of his course.

Repeating a Year.—By special permission of the Dean, a student who is permitted to repeat a Year may, on application:—

(a) Be exempted from attending lectures and passing examinations in the courses in which he has already passed;

(b) Be permitted to take, in addition to the courses in which he has failed, one of the courses of the following year in his course.

N.B.—The choice of courses must involve no conflict of hours as printed in the time-table.

HONOUR COURSES FOR THE DEGREE OF B.A.

Honour courses may be elected in any two combined cognate departments or in any single department.

The arrangement of combined honour courses is left to the departments interested, and in cases of doubt or disagreement is referred to the Faculty for final decision.

In the Honour courses in combined departments, when the departments are divided into two sections (as **Classics** into Greek and Latin, **Economics** and **Political Science** into Economics and Political Science), the graduate's certificate designates by name the sections in which Honours have been taken (*e.g.*, First Class Honours in Greek and Second Class Honours in Latin); but in Honour courses in combined departments, where the departments are not divided into sections (as English, History, Sociology, etc.), the graduate's certificate indicates that the work done in each of the departments amounts to only half of a full Honour course in that department—*e.g.*, First Class Honours in English (one-half) and History (one-half), or First Class Honours in English (one-half) and Second Class Honours in History (one-half).

Honour courses normally begin in the Second Year. Most departments giving instruction in the First Year, however, offer advanced courses to the better students in that year.

A Second Year General student who shows exceptional merit in any subject in his Second Year examinations may, if he so wishes, and if the Chairman of the Department is satisfied that his knowledge of the subject is sufficient to enable him to reach the standard of Honours by two more years' study, be allowed to take up the Honour course in that subject at the beginning of his Third Year.

Honour lecture courses are open to properly qualified general students.

The conditions for entering Honour courses in the Second Year are as follows:—

(a) A student must not have failed in more than one subject at the final spring examinations in the First Year.

(b) The sanction of the Dean and of the Chairmen of the Departments in which Honours are elected must be obtained.

(c) No student may take Honours in a subject in which he has failed to attain at least second class standing in his First Year.

Honour students who fail to attain second rank honour standing at the end of the Second Year must revert to the General course in their next and following years, unless they obtain special leave to continue their honour work from the department or departments interested.

Honour courses in the Second Year consist of 15 hours and in each of the remaining two years 12 hours, covering lectures, conferences and tutorial classes. The work also involves wide reading and study in the subject, apart from the actual subjects of lectures, in accordance with a definitely prescribed programme.

Attention is drawn to the fact that lectures are not given on all parts of the work.

In the Second Year a student registering for Honours in one subject only, fulfils the requirement of fifteen hours by taking a minimum of two courses or six hours in his Honour subject, and, in addition, such other courses (bringing the total to fifteen hours) as the department under which he is studying may direct. A student registering for combined Honours in two subjects fulfils the requirements of fifteen hours by taking two full courses in each Honour subject, or twelve hours altogether, and, in addition, one other course, making a total of fifteen hours, as the two departments concerned may direct. A student who has failed in any such subject in the Third Year examinations is not allowed to continue his Honour course except with the consent of the Faculty.

Departments are at full liberty to recommend their Honour students to take one or more courses in cognate departments as the equivalent of courses in their own departments.

A student's whole record during his Second, Third and Fourth Years may be considered in awarding Honours at graduation.

Students in Honour courses who fail to attain second rank honours at graduation, or who only succeed in attaining second rank honours in one of two combined courses, must revert to the list of General students.

Honours are awarded by the Faculty on the recommendation of the department or departments in which Honours are elected.

The examinations for Honours are not conducted exclusively by persons who have given the courses.

COURSES FOR THE GENERAL B.A. DEGREE

In each of the First and Second Years five courses must be taken, *i.e.*, fifteen hours of class work per week; and in the Third and Fourth Years respectively, four courses (twelve hours). The third hour in each course each week may be devoted to group conferences.

FIRST YEAR

(*a*) *Compulsory.*

Latin or **Greek.**
English 1 and **2.**
Mathematics.

But in the case of students who have already shown marked aptitude in languages and are permitted to take three languages (exclusive of English), Mathematics is not compulsory.
Physical Education (two hours per week).

(*b*) *Elective.*

Two of the following:—

History.
Greek or **Latin** (if not already taken).
French.
German.
Science (**Physics** or **Chemistry 1** and **1C** or **Chemistry 16** or **Botany 1** or **Zoology 1** or **Natural Science 1**).

For the subjects required to be taken by students who wish to qualify for the First Class High School diploma of the Province of Quebec, see page 133.

Details of the work in each subject are given on pages 119 to 167.

SECOND, THIRD AND FOURTH YEARS

Students must choose two *Continuation Subjects* at the beginning of the Second Year, for continued study through the Second, Third and Fourth Years. A full course (or two half courses) must be taken *each* year in *each* of the subjects. The *Continuation Subjects* are those in Divisions I and II of the following list:

Division I	Division II	Division III	Division IV
English.	**Economics.**	**Botany.**	**Education.**
French.	**History.**	**Chemistry.**	**Ancient History**
German.	**Mathematics.**	**Geology.**	**Physiology.**
Greek.	**Philosophy.**	**Physics.**	
Hebrew.	**Political Science.**	**Zoology.**	
Latin.	**Psychology.**		
Chinese.	**Sociology.**		

It is also required for this degree that every student shall pass one full course in a subject of science (Division III, of the above list), and at least one full course in a modern foreign language. If such courses have been passed in the First Year, there is no further requirement; if not, the courses may be taken in any subsequent year, though preferably in the Second Year. The requirement of a modern language is also fulfilled if the student elects such a course as one of the *Continuation Subjects*.

The additional courses necessary to make up the total required for each year may be chosen from any of the subjects in any of the Divisions of the above list. The choice, however, is subject to the approval of one of the Departments in which the student has chosen a *Continuation Subject*. A student may elect only those courses for which he has the prerequisites laid down by the Department in which such course or courses are given. Students are responsible for seeing that courses chosen do not conflict as regards hours of lectures or laboratory periods.

A course intended primarily for First Year students may be counted as a full course in the Second Year.

Physical Education is compulsory for all students in the Second Year, two hours a week.

Students who are pursuing a double course in Arts and Science and Divinity (six years at least) may take in the Third and Fourth Years the courses which constitute the ordinary curriculum in Arts and Science, less a half course each year or a whole course in one year.

DISTINCTION IN THE GENERAL DEGREE

A student of sufficient merit who has completed the work for a general degree may be awarded either Distinction or Great Distinction at graduation.

These awards are based upon the student's record during his Second, Third and Fourth Years, and at least an average first class standing is required for Great Distinction and an average high second class standing for Distinction.

THE B.Sc. DEGREE

An undergraduate may read for either a General or an Honour B.Sc. degree, but the distinction between a General and an Honour student is not made until the Second Year, so that there is one normal First Year curriculum. Special advanced courses in the First Year are, however, offered by most departments to prospective honour students.

In any year a specially qualified student may be allowed upon the recommendation of the department concerned, to substitute a more advanced course for any of those listed.

FIRST YEAR

GENERAL AND HONOURS

English 1 and **2.**
***French 15** or **German 3.**
Mathematics 1.
Physics 1.
Chemistry 1 and **1C.**
†**Natural Science 1.**

GENERAL AND HONOUR DEGREES

The general B.Sc. courses are intended to give a broad training in science and scientific method. For professional scientific work an honour degree is usually an essential preliminary.

A student desiring advice or guidance in his choice between the two degrees should consult the Dean of Science.

THE GENERAL B.Sc. CURRICULUM

SECOND YEAR

Five subjects are required. Three of these must be selected from Group I below. French 16 and German 4 (a combined course) are compulsory, unless the student is exempted from either or both by the departments concerned. One other Arts subject must be taken.

THIRD AND FOURTH YEARS

In each year a minimum of four **subjects** and five **courses** is required. Two subjects selected from Group I below must be continued through the Third and Fourth Years.

One non-continuation subject must be chosen from Group III, the others may be chosen from either Groups II or III.

Details of the courses are given on pages 119 to 167.

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*German must be taken by any student who has not matriculated in German, and French by any student who has not matriculated in French.

†In special cases a qualified student may be granted permission to substitute for Natural Science 1 either Botany 1, Geology 1, Physiology 1, or Zoology 1.

GROUP I (Continuation Subjects).

SUBJECT	SECOND YEAR	THIRD YEAR	FOURTH YEAR
Biochemistry	see below†	1 and/or 1A*.	2 and/or 2A*.
Botany.	1, 2.	2 and 3 or/and 4.	4 and 5 or/and 6.
Chemistry.	2 or 3, and 4.	2 or 3.	(5, 5A and 9) or (6, 8 and 9) or (5 and 6, lectures only.**)
Geology.	1, or 5 and 6	2 to 13 (2 courses).	2 to 13 (2 courses).
Mathematics.	2.	3 or 4 or/and 5.	3 or 4.
Physics.	2.	3A, 3B, 4.	8A, 9, 5A.
Physiology.	1.	1, or 2 and 3.	2 and 3, or 4.
Zoology.	1.	2 or 3.	2 or 3 or 4.

†If Biochemistry is to be taken as a continuation subject in the Third Year, Chemistry 2 and, if possible, Zoology 1 must be taken in the Second Year.

**With the consent of the Head of the Department.

Students who are qualified to do so may take more advanced courses than those set out above.

A student selecting Physics as a continuation subject must also select Mathematics in the first three years.

A student in the fourth year may be allowed to drop one of his continuation subjects and to take an equivalent amount of work in the other continuation subject.

GROUP II (Non-Continuation Subjects).

SUBJECT	COURSES
Anatomy.	1, 2.
Biochemistry.	1, 2.
Botany.	1, 2, 3, 4, 5.
Chemistry.	2, 3, 4, 5, 6, 8, 9.
Geology.	1 to 13.
Genetics,	1, 2, 3.
Histology and Embryology.	1, 3, 4, 5.
Mathematics.	2, 3, 4, 5.
Physics.	2P, 2, 3A, 3B, 4, 5A, 8A, 9.
Physiology.	1, 2, 3.
Zoology.	1, 2, 3, 4, 5.

*These courses should be commenced about the middle of September, when the Medical Session opens, if possible.

GROUP III (Arts Subjects).

Economics and Political Science.
Education.
English.
French.
German.
History.
Philosophy.
Psychology.
Sociology.

In selecting courses students should consult the departments concerned.

THE HONOUR B.Sc. DEGREE

Honour courses normally begin in the Second Year; but a student who has obtained the permission of the Dean to read for honours in Bacteriology, Biochemistry, Physiology or Zoology need not decide between these subjects until later.

The conditions for entering Honour courses are as follows:—

(a) The sanction of the Dean and of the Chairmen of the Departments in which honours are elected must be obtained.

(b) A student must not have failed in more than one subject at the final spring examinations in the First Year.

(c) No student may proceed to read for honours unless he has obtained at least a second class standing in the first general course offered in the subject elected.

Honour students who fail to attain second class honour standing at the end of the Second Year (and Third Year in the cases of Bacteriology, Biochemistry, Physiology and Zoology) must revert to the General Course in subsequent years, unless they obtain special permission to continue their honour work from the Department or Departments concerned.

Students in honour courses who fail to attain second class honours at graduation, or who only succeed in attaining second class honours in one of two combined courses, must revert to the list of General students.

Honours are awarded by the Faculty on the recommendation of the Department or Departments in which honours are elected. A student's whole record during his Second, Third and Fourth years may be considered in awarding honours at graduation. The examinations for honours are not conducted exclusively by persons who have given the courses. Attention is drawn to the fact that lectures are not given on all parts of the work.

ENGINEERING PHYSICS

This course is intended to train men for research or academic positions. It is available to

(1) students in the Faculty of Arts and Science entering their third year who have satisfactorily completed the second year Honour Course in Mathematics and Physics.

and (2) students in Engineering who have completed the first and second years with first or second class standing in Mathematics and Physics, subject to the approval of the Chairmen of the Departments of Electrical Engineering and Physics.

Third Year

Mathematics 6 and 7.
Physics. 5A, 5B, 6B (or 8B).
Electrical Engineering. 113, 114.

Fourth Year

Mathematics 10 or 11.
Physics 6A, 7A, 7B, 8A, 8B (or 6B), 9, 10.
Summer Thesis or Shop Work.

The student may now receive the B.Sc. degree with Honours in Mathematics and Physics. In his fifth year he may either proceed towards the M.Sc. degree taking some of the fourth year Electrical Engineering courses as advised by the Chairmen of the Departments of Physics and Electrical Engineering; or, if he has completed the first and second years in Engineering, he may proceed to the degree of Bachelor of Engineering in Electrical Engineering, taking such subjects of the third and fourth year courses in Electrical Engineering as are approved by the Faculty of Engineering.

CONCERNING STUDENTS WHO INTEND TO PROCEED INTO THE PROFESSIONAL FACULTIES

The Faculty of Arts and Science assumes no responsibility for arranging or directing courses of study for students intending, at the end of their First, Second or Third Year, to enter one of the other Faculties.

Such students are advised, before registering for the first time in the Faculty of Arts and Science, to acquaint themselves with the entrance requirements laid down by these other Faculties. (See pages 71 to 74.) They must consider the fulfilment of these requirements as only incidental to their work in Arts and Science; and they must follow the regulations of the curriculum as though they were proceeding to a degree in the Faculty of Arts and Science.

All undergraduate students in the Faculty must register for one of the Bachelor's degrees offered, viz: B.A., B.Sc., or B.Com. Students who have successfully completed the First Year leading to the degree of B.A. or B.Sc. may apply for admission into the Faculty of Engineering, provided they have completed the course in English, Mathematics, Physics, Chemistry, and one other subject. Students who have successfully completed the first two years towards the B.Sc. degree or the first

three years towards either the B.A. or the B.Sc. degree may apply for admission into the Faculty of Medicine or of Dentistry, provided they have successfully followed for one year the regular course in each of the following subjects:—Physics, Inorganic Chemistry, Organic Chemistry, and Biology.

Students who are preparing for entrance to the Faculty of Medicine are advised that they should not choose subjects which properly belong to the medical course, but should devote their time to securing a thorough preparation in the fundamental scientific and humanistic subjects.

Students completing three years in either the Arts or the Science Division of the Faculty of Arts and Science and two years in Medicine are entitled to apply to the Faculty of Arts and Science for the degree of B.Sc.

A minimum of two years in the Faculty of Arts and Science is required for admission into the Faculty of Law.

COURSES OF LECTURES IN ARTS AND SCIENCE

The hours of all General lectures and most of the Honour lectures are indicated. In the case of the other Honour lectures the hours are arranged by the several departments at the opening of the session.

DEPARTMENT OF ANATOMY

ROBERT REFORD PROFESSOR OF ANATOMY:—S. E. WHITNALL.

ASSOCIATE PROFESSOR:—

Before registering for the courses below students should consult the Chairman of the department to ensure that they are qualified to undertake the work.

1. **Comparative Anatomy of the Primates.** Third or Fourth Year.
   (May be arranged.)

2. **Comparative Neurology.**
   Students are expected to provide their own microscopes and dissecting instruments.
   1 lecture and 6 laboratory hours throughout the session.
   (May be arranged).

GRADUATE COURSES

See page 398.

DEPARTMENT OF BACTERIOLOGY AND IMMUNITY

PROFESSOR:—E. G. D. MURRAY.

LECTURERS:—FREDERICK SMITH. JOHN H. GLYNN.

DEMONSTRATOR:—D. H. STARKEY.

Course 1. Elementary Medical Bacteriology and Immunity.

Thirty lectures and 60 hours' practical work, and a weekly Tutorial Class. Commencing February 21st. Available to Medical students on the satisfactory completion of their studies in Anatomy, Physiology, Histology and Bio-chemistry; also to students in their 3rd year in Arts and Science reading for B.Sc. Honours in Bacteriology.

Course 2. Applied Medical Bacteriology and Immunity and the Processes of Infectious Diseases.

Available to Medical students who have completed two years of clinical work.

Course 3. Bacteriology and Immunity *for Honours B.Sc.* (daily throughout the year; available only for Honours students in their Fourth year).

A. **General Bacteriology.**
Thirty-five lectures and 175 hours' practical work.

B. **Systematic Bacteriology.**
Sixty-five lectures and 325 hours' practical work.

C. **Immunology.**
Fifty lectures and 250 hours' practical work.

Text books:—Hans Zinsser, Textbook of Bacteriology (Appleton); R. Muir & J. Ritchie, Manual of Bacteriology (Oxford University Press); R. T. Hewlett & James McIntosh, Manual of Bacteriology (Churchill); T. J. Mackie & J. E. McCartney, Practical Bacteriology (Livingstone); J. W. Bigger, Handbook of Bacteriology (Bailliere Tindall & Cox); W. H. Park & A. W. Williams, Pathogenic Micro-Organisms (Bailliere Tindall & Cox); Hans Zinsser, Resistance to Infectious Diseases (Macmillan); W. W. C. Topley & G. S. Wilson, The Principles of Bacteriology & Immunity (Edward Arnold & Co.); W. W. C. Topley, An Outline of Immunity (Arnold); M. Langeron, Precis de Microscopie (Masson et Cie); A. Calmette, L. Negri et A. Boquet, Manuel technique de Microbiologie et Serologie (Masson et Cie); D. H. Bergey, Manual of Determinative Bacteriology (Williams & Wilkins).

CURRICULUM FOR B.Sc. HONOURS IN BACTERIOLOGY

Prerequisite:—An aggregate standing of high second class must be obtained in the subjects submitted for the First Year.

The Chairman of the Department should be consulted in selecting subjects to be studied in the Second and Third Years.

Students of Medicine who have done sufficiently well in their Medical Bacteriology and in their Medical studies in general will be admitted to Course 3.

GRADUATE COURSES

See page 400.

DEPARTMENT OF BIOCHEMISTRY

PROFESSOR:—J. B. COLLIP

ASSOCIATE PROFESSOR:—D. L. THOMSON

LECTURERS:—HANS SELYE, EVELYN M. ANDERSON, R. L. KUTZ

RESEARCH FELLOW:—L. I. PUGSLEY

DEMONSTRATORS:—P. T. BLACK, E. H. BENSLEY, O. F. DENSTEDT, T. MCKEOWN

1. General Physiological Chemistry:

(*a*) Lectures: Monday, Wednesday, Friday at 9.

(*b*) Laboratory: Two 3-hour periods weekly, selected from Monday and Friday mornings, Tuesday and Thursday afternoons.

Text-books:—Bodansky, "Introduction to Physiological Chemistry" (Wiley); Cameron, "Text-Book of Biochemistry" (Macmillan).

Note:—This course is given in the Autumn and Winter terms of the Faculty of Medicine, and begins before the opening of the Session in Arts and Science. Prerequisites are Chemistry 2, Physiology 1.

2. Endocrinology:

Lectures: Monday, Friday at 2.

Text-book:—Cameron, "Recent Advances in Endocrinology" (Blakiston).

Note:—Students should have taken, or should take concurrently with this course, Biochemistry 1, Histology 1, Physiology 2 and 3.

3. Advanced Biochemistry:

Lectures: Tuesday, Thursday at 9.

Text-books:—Gortner, "Outlines of Biochemistry" (Wiley); Pryde, "Recent Advances in Biochemistry" (Blakiston); Hawk and Bergeim, "Practical Physiological Chemistry" (Blakiston).

Note:—Prerequisites are Biochemistry 1, Chemistry 4.

GRADUATE COURSES

See page 401.

HONOUR COURSE IN BIOCHEMISTRY

First Year

First year B.Sc.

Second Year

Zoology I,
Botany 4A and 4B
Chemistry 2 and 4,
Physiology 1.

Third Year

Biochemistry 1.
Physiology 2 and 3,
Histology 1.
Pharmacology.

Fourth Year

Biochemistry 2 and 3 and laboratory.
Bacteriology 1.

Candidates for the Honour B.Sc. Degree in Biochemistry will be required to pass a general examination in Biochemistry in the 4th year; they are expected to attain at least second class standing in all subjects, and first class in Biochemistry 1.

DEPARTMENT OF BOTANY

PROFESSOR:—GEORGE W. SCARTH.
LECTURER:—R. D. GIBBS.
INSTRUCTOR:—JANE D. SPIER
DEMONSTRATOR:—J. H. WHYTE.

Natural Science I.

A conjoint course in Botany, Zoology, and Geology. Lectures Mon., Wed., Fri. at 12.

Prof. Scarth.

1. General Botany.

Tu., Th. at 9; laboratory Mon. 2-5.

Dr. Gibbs and Miss Spier.

2A. Histology and Microtechnique.

First term: Mon., Wed. at 11. Laboratory Tu. 2-5.

Miss Spier.

2B. Taxonomy of Flowering Plants.
Second term: Mon., Wed. at 11. Laboratory Tu. 2-5.
Mr. Whyte.

3. Comparative Morphology.
Not given in 1934-35; given in 1935-36.

3A. Plant Ecology.
First term: Mon., Wed. at 12. Laboratory Wed. 2-5.
Prof. Scarth and Staff.

3B. Mycology.
Second term: Mon., Wed. at 12. Laboratory Wed. 2-5.
Prof. Coulson (Macdonald College) and Miss Spier.
Given in 1934-35; not given in 1935-36.

4A. General Physiology.
First term: Tu., Th. at 12; laboratory Th. 2-5.
Prof. Scarth and Mr. Whyte.

4B. Plant Physiology.
Second term: Tu., Th. at 12; laboratory Th. 2-5.
Prof. Scarth and Dr. Gibbs.

5. Plant Biochemistry.
Tu., Th. at 11; 4 laboratory hours to be arranged.....Dr. Gibbs.

Biological Colloquium
The Staff and Graduate Students.

HONOUR COURSE IN BOTANY

First Year: As for general B.A. or B.Sc.; Natural Science 1 or preferably Botany 1 should be included.

Second Year: Botany 1 (if not already taken), Botany 2A and 2B.

Third Year: Botany 3 *or* 3A and 3B, 4A and 4B.

Fourth Year: Botany 3 *or* 3A and 3B, 5.

The year and order in which courses are taken may be modified to suit individual requirements. Botany 1 is a prerequisite to all other courses except 2A, 2B and 4A.

A total of five full courses must be taken in each of the 2nd, 3rd and 4th years. Zoology 1, Chemistry 2 and 4, and Genetics 1 are among the courses recommended.

Other courses to be selected with the advice of the Department.

GRADUATE COURSES

See page 401.

TEXT BOOKS

General Botany: Chamberlain—Elements of Plant Science (McGraw-Hill); Coulter, Barnes & Cowles—Text book of Botany (Amer. Book Co.); Holman & Robbins—Text book of General Botany (Wiley); Sinnott—Botany, Principles & Problems (McGraw-Hill); Strasburger—Text book of Botany (Macmillan); Tansley—Plant Biology (Allen & Unwin).

Plant Anatomy: Eames & MacDaniels—Introduction to Plant Anatomy (McGraw-Hill).

Physiology and Biochemistry: Scarth & Lloyd—General Physiology (Wiley); Text books of Plant Physiology by Maximov (McGraw-Hill), James (O.U.P.), Palladin (Blakiston), Raber (Macmillan), and Miller (McGraw-Hill); Kostychev—Chemical Plant Physiology (Blakiston); Onslow—Principles of Plant Biochemistry (C.U.P.); Onslow—Practical Plant Biochemistry (C.U.P.); Haas & Hill—Chemistry of Plant Products (Longmans).

Taxonomy: Gray's Manual (American Book Co.); Spotton *et al.*—Wild Plants of Canada (Gage).

Ecology: Braun and Blanquet.—Plant Sociology (McGraw-Hill).

DEPARTMENT OF CHEMISTRY

DIRECTOR AND MACDONALD PROFESSOR OF INORGANIC CHEMISTRY:—F. M. G. JOHNSON.

MACDONALD PROFESSOR OF PHYSICAL CHEMISTRY:—O. MAASS.

E. B. EDDY PROFESSOR OF INDUSTRIAL AND CELLULOSE CHEMISTRY:—HAROLD HIBBERT

PROFESSOR:—N. N. EVANS.

ASSOCIATE PROFESSOR:—W. H. HATCHER.

ASSISTANT PROFESSORS:—C. F. H. ALLEN. E. W. R. STEACIE. J. H. MENNIE.

LECTURERS:—W. H. BARNES. J. B. PHILLIPS.

LECTURE ASSISTANT:—A. E. CANTON.

1. General Chemistry.

1. Lectures, Mon., Wed., Fri.
Section A.—Professor Hatcher at 10.
Section B.—Professor Evans at 2.

Text-books:—Schlesinger—General Chemistry (Longmans Green & Co.); Macpherson and Henderson.—An Elementary Study of Chemistry, Introductory College Course. (Ginn & Co.).

1C—Gen. Chem. Laboratory, Tu. or Th. or Fri., 2-5.
Dr. Barnes and Demonstrators.

Text:—Laboratory Exercises in General Chemistry, Evans, Hatcher and Steacie (Renouf Pub. Co., Montreal).

NOTE.—1 and 1C must be taken concurrently.

2. Organic Chemistry (No. 56 Fac. Eng.).

Tu., Th., Sat., at 11.....Professor Hatcher.
Laboratory, three hours, Mon. or Tu. 2–5.
Professor Hatcher and Demonstrators.

Text-books:—Porter, the Carbon Compounds. (Ginn & Co.)
Norris, Experimental Organic Chemistry. 3rd edition. (McGraw-Hill).

NOTE:—Physics 1 or equivalent is prerequisite to this course. Students who have not taken Chemistry 4 or its equivalent are recommended to take it concurrently.

3. Analytical Chemistry.

(*a*) QUALITATIVE ANALYSIS.

First term; Tu., Th., at 10; laboratory six hours, Mon., Wed., 2 to 5.
Professor Evans and Demonstrators.

Students who can do so are recommended to take this course with the students in Engineering in September (Eng. 54 and 55). This is particularly recommended to students who intend to take 3b1.

Text-books:—W. A. Noyes, Qualitative Analysis (Henry Holt & Co.); N. N. Evans, Notes on the Theory of Qualitative Analysis.

(*b*) QUANTITATIVE ANALYSIS.

(1) First term: one lecture, Fri. at 9, nine hours laboratory; second term, twelve hours laboratory.

This course must be taken by all B.Sc. honour students and all others who intend to take Chem. 8 (1).

(2) Second term only: one lecture and twelve hours laboratory.
Professor Mennie and Demonstrators.

Text-book:—Engelder, Elementary Quantitative Analysis (Wiley).

4. Elementary Physical Chemistry.
Mon., Fri., at 12.....Professor Steacie.
Text-book:—Maass and Steacie. Introduction to the Principles of Physical Chemistry (Wiley).

***5. Organic Chemistry (Advanced)** (No. 65 Fac. Eng.).
Mon., Wed., Fri., at 10. Twelve hours laboratory.
Professor Allen and Demonstrators.
Text-book:—Gilman, Organic Chemistry (John Wiley & Sons).

5A. Organic Qualitative Analysis (No. 65A Fac. Eng.).
One laboratory period a week throughout the session.
Professor Allen and Demonstrators.
Text-book:—Kamm, Qualitative Organic Analysis (Wiley).

***6. Inorganic Chemistry (Advanced)** (No. 72 Fac. Eng.).
Tu., Th., at 10.....Professor Johnson.
Text-book:—Caven and Lander, Systematic Inorganic Chemistry (Blackie & Son).

***7. Physical Chemistry (Advanced)** (No. 66 Fac. Eng.).
Wed. at 9, Fri. at 9 and 12.....Professor Maass.
Text-book:—Nernst, Theoretical Chemistry (Macmillan).
Reference book:—Taylor, Treatise on Chemistry (Van Nostrand).

***7A. Physical and Colloid Chemistry Laboratory** (No. 66A Fac. Eng.).
Nine hours.....Professors Maass, Steacie and Demonstrators.
Text-book:—Experimental Physical Chemistry, Daniels, Matthews & Williams (McGraw-Hill).

8. Quantitative Analysis (Advanced).
*(1) One lecture, Mon. at 9, twelve hours laboratory throughout the year.
Prerequisite Chem. 3b1. This course must be taken by all B.Sc. honour students and is optional for others who have taken 3b1.
Text-book:—Fales, Inorganic Quantitative Analysis (Century).
(2) First term: one lecture, twelve hours laboratory.
Second term: twelve hours laboratory.
Professor Mennie and Demonstrators.

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*Courses for Graduates and Honour Students.

*9. **History of Chemistry** (No. 74 Fac. Eng.).
Wed. at 9.....Dr. Barnes.

*11. **Electro-Chemistry** (No. 70 Fac. Eng.).
Tu. at 9.....Professor Mennie.
Text-book:—Creighton and Fink, Electro-Chemistry (Wiley).

13. **Inorganic Chemical Technology** (68A. Fac. Eng.).
First term; Wed., Fri., at 11. Prerequisite Chem. 1 and 2.
Dr. Phillips.

14. **Organic Chemical Technology** (69A. Fac. Eng.).
Second term; Wed., Fri., at 11. Prerequisite Chem. 1 and 2.
Dr. Phillips.

*15. **Colloid Chemistry** (No. 75 Fac. Eng.).
Tu., Thur., at 11.....Professor Steacie.
Text-books:—Kruyt, Colloids (Wiley).

16. **The Chemistry of Daily Life.**
Tu., Th., at 9.....Professor Hatcher.
Open to B.A. students without laboratory; also to Graduate Nurses, with three hours laboratory to Feb. 28th.

B.Sc. Honour Courses in Chemistry

Each student must have his courses approved by the Department of Chemistry and the Dean of Science at the beginning of each session. These courses begin with the Second Year.

Prerequisites: At least second class standing in Chemistry 1 and 1C; Mathematics 1 and Physics 1 *or* 2.

Second year: Chemistry 3a, 3b1, 4; German 4 and French 16, Mathematics 3; Physics 3a.

Third Year: Chemistry 2, 6, 7, 7a, 8(1).

Fourth Year: Chemistry 5, 9, 11, 13, 14, 15, and research.

The above courses may be altered with the consent of the Department of Chemistry and the approval of the Dean of Science.

GRADUATE COURSES

See page 402.

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*Courses for Graduates and Honour Students.

DEPARTMENT OF CLASSICS

PROFESSOR:—W. D. WOODHEAD.

PROFESSOR OF CLASSICAL PHILOLOGY:—CLIVE H. CARRUTHERS.

ASSOCIATE PROFESSOR:—ALEXANDER M. THOMPSON.

ASSISTANT PROFESSOR:—PAUL F. MCCULLAGH

LECTURER:—E. M. COUNSELL

Greek

All students taking Honours in Greek are expected to provide themselves with a grammar, a Greek-English dictionary, a classical dictionary, and an atlas of ancient geography. The following are recommended: Goodwin's Greek Grammar (Ginn & Co.); Liddell and Scott's Greek Lexicon (abridged or intermediate); Kiepert's Atlas Antiquus (Williams and Norgate); Smith's Smaller Classical Dictionary (Everyman Series, Dent).

1A. Beginners' Greek. First Year.

Tu., Th., Sat., at 10.....Professor McCullagh.

Text-books:—Allen, First Year of Greek (Macmillan); Essays; Selected readings of Greek authors in translation.

1B. Greek. First and Second Years.

Mon., Wed., Fri., at 2..... Mr. Counsell.

Colson's Greek Reader, selections; Lysias, selections (Lysias, Orations xvi, Shuckburgh, Macmillan); Homer, Iliad vi (Leaf and Bayfield, Macmillan); Odyssey vi (Edwards, Cambridge University Press); Prose Composition (White's First Greek Book); Sight Translation.

Third and Fourth Year students in the General Course will take Greek 12.

HONOUR COURSES IN GREEK

11. Greek. Second Year.

Tu., Th., Sat., at 9.....Professor Woodhead.

Plato, Apology, Crito; Homer, Iliad 18 (Platt, Blackie and Son); Euripides, Medea; Sight Translation.

12. Greek. Second Year.

Mon., Wed., Fri., at 9.....Professor McCullagh.

Xenophon, Oeconomicus (Sewell, Cambridge U. Press); Aeschylus, Prometheus Vinctus; Sophocles, Antigone; Prose Composition.

13. Greek. Third Year.

Tu., Th., Sat., at 12.....Mr. Counsell.

Plato, Republic i (Oxford Classical Text); Sophocles, Oedipus Rex (Jebb, Cambridge U. Press); Demosthenes, Philippic i, Olynthiacs i-iii, Greek Prose Composition.

14. Greek. Third Year.

Tu., Th., Sat., at 10.....Professor Carruthers.

Herodotus viii (Shuckburgh, Cambridge University Press); Aristophanes, Birds (Merry, Clarendon Press); Thucydides ii (Marchant, Macmillan); Sight Translation.

15. Greek. Fourth Year.

Tu., Th., Sat., at 10.....Professor Woodhead.

Aeschylus, Agamemnon (Oxford Classical Text); Bucolici Graeci (Oxford Classical Text); Thucydides vii. Prose Composition.

16. Greek. Fourth Year.

Mon., Wed., Fri., at 11.....Professor McCullagh.

Aristotle, Ethics (Selections) and Poetics (Oxford Classical Texts); Aristophanes, Frogs (Merry, Clarendon Press); Sight Translation.

Latin

All students taking Honours in Latin are expected to provide themselves with a grammar, a Latin-English dictionary, a classical dictionary, and an atlas of ancient geography. The following are recommended:– New Latin Grammar (Allen and Greenough, Ginn & Co.); Lewis, School Dictionary, or White, Junior Students' Latin-English Dictionary; Smith, Smaller Classical Dictionary (Everyman's Series, Dent), Kiepert, Atlas Antiquus (Williams and Norgate).

1. Latin. First Year.

Mon., Wed., Fri., at 10.

Petrie, Latin Reader, with Introduction to Roman History (Oxford, Clarendon Press); Latin Prose Composition (Marchant and Watson, Bell & Sons Ltd.); Translation at sight.

1A. Latin. First Year (for more advanced students).

Mon., Wed., Fri., at 10.....Professor Woodhead.

Cicero, Murder at Larinum (Grose-Hodge, Macmillan); Pliny, Selected Letters (Westcott, Allyn and Bacon); Book of Latin Poetry, Selections (Macmillan); Latin Prose Composition (Marchant and Watson, Bell & Sons); Translation at sight.

2. Latin. Second Year.

Tu., Th., Sat., at 12.....Professor Thompson.

Pliny, Selected Letters (Westcott, Allyn and Bacon); Horace, Odes I (Page, Macmillan); Virgil, Aeneid IV (Stephenson, Macmillan's Elementary Classics); Prose Composition, and Translation at sight (Jerram, Anglice Reddenda, Second Series, Clarendon Press).

Third and Fourth Year Students in the General Course will take Latin 13.

Honour Courses in Latin

11. Latin. Second Year.

Mon., Wed., Fri., at 11....Professor Carruthers and Mr. Counsell.

Sallust, Catiline; Plautus, Rudens (Sonnenschein, Clarendon Press); Latin Prose Composition.

12. Latin. Second Year.

Mon., Wed., Fri., at 12.....Mr. Counsell.

Livy xxii (Pyper, Clarendon Press); Virgil, Aeneid iv, vi; Horace, Odes i and iii, Sight Translation.

13. Latin. Third Year.

Mon., Wed., Fri., at 9.....Professor Woodhead.

Cicero, Letters (Abbott, Ginn. & Co.); Roman Elegiac Poets (Harrington, American Book Co.); Sight Translation.

14. Latin. Third Year.

Mon., Wed., Fri., at 12.....Professor Thompson.

Juvenal, Selections (Duff, Cambridge University Press); Virgil, Bucolics and Georgics (Virgil, Oxford Classical Texts); Prose Composition.

15. Latin. Fourth Year.
Tu., Th., Sat., at 11.....Professor Thompson.
Tacitus, Annals i and iv (Furneaux, Smaller Edition, Clarendon Press); Seneca, Selected Letters (Summers, Macmillan). Sight Translation.

16. Latin. Fourth Year.
Tu., Th., Sat., at 9.....Professor Carruthers.
Lucretius (Oxford Classical Text); Horace, Satires and Epistles (Rolfe Allyn and Bacon); Prose Composition.

Ancient History

Greek and Roman History and Institutions: Open to students of all years. May be taken as a half-course in the first or second term except by First Year students or students in Honour Classes.
Tu., Th., Sat., at 11....Professor Carruthers and Mr. Counsell.

Comparative Grammar

For Third Year Honour Students.
Tu. 2.30-4.00 .....Professor Carruthers.

Graduate Courses in Classics

See page 409.

DEPARTMENT OF ECONOMICS AND POLITICAL SCIENCE

Professors:—Stephen Leacock.
J. C. Hemmeon.
J. P. Day.

Assistant Professor:—John Culliton.

Sessional Lecturer:—Eugene Forsey.

Graduate Fellows:—S. E. Brenhouse.
1933–34 G. R. W. Owen.

1. Elements of Political Economy. Second Year.
Mon., Wed., Fri., at 11.

Honour Section.....Professor Hemmeon.
General Section.....Professor Culliton.

2. **Elements of Political Science.** Second Year.
Mon., Wed., Fri., at 12.
Honour Section.....Professor Leacock.
General Section.....Mr. Forsey.

3. **History of Economic and Political Theory.** Third Year.
First term; Mon., Wed., Fri., at 2.....Professor Leacock.

4. **Economic Aspects of the British Empire.** Third Year.
Second term; Mon., Wed., Fri., at 2.....Professor Leacock.

5. **Labour Problems.** Third Year.
First term; Tu., Th., Sat., at 12.....Professor Hemmeon.

6. **Money and Banking.** Third Year.
Second term; Mon., Wed., Fri., at 10.....Professor Day.

7. **Canada: Industrial and Economic Problems.** Third Year.
First term; Tu., Th., Sat., at 11.....Professor Culliton.

8. **The Government of Canada.** Third Year.
Second term; Mon., Wed., Fri., at 3.....Mr. Forsey.

9. **Contemporary Economic Theory.** Fourth Year.
First term; Tu., Th., Sat., at 11.....Professor Hemmeon.

10. **Contemporary Political Theory.** Fourth Year.
Second term; Mon., Wed., Fri., at 3.....Professor Leacock.

11. **International Trade and Trade Policy.** Fourth Year.
First term; Mon., Wed., Fri., at 10.....Professor Day.

12. **Public Finance.** Fourth Year.
Second term; Tu., Th., Sat., at 12.....Professor Hemmeon.

13. **Social and Industrial Legislation.** Fourth Year.
First term; Mon., Wed., Fri., at 2.....Mr. Forsey.

14. **Transportation.** Fourth Year.
Second term; Tu., Th., Sat., at 11.....Professor Culliton.

For the courses in Economics and Political Science given in the School of Commerce, see page 195.

Honour Courses

Students taking the full Honours in Economics and Political Science take, in their Second Year, courses 1 and 2, together with three other courses approved by the Department; in their Third Year the courses indicated above, together with one approved course from another department, and in their Fourth Year the courses indicated above, together with a course approved by the department.

Students taking half their Honours in another department (see page 31) may be granted honours in Economics (without Political Science) by taking courses 1, 2, 5, 6, 7 or 8, 9, 11, 12 or 14, or they may be granted honours in Political Science (without Economics) by taking courses 1, 2, 3, 4, 5 or 8, 10, 12, 13.

Students in the Department of Economics and Political Science are expected to spend a considerable proportion of their time in the preparation of class reports, essays, etc., in addition to the lectures and ordinary reading.

Graduate Courses

See page 410.

DEPARTMENT OF EDUCATION

Professors:—F. Clarke. Sinclair Laird.

Assistant Professor:—H. D. Southam

1. **General Principles of Education.** Third Year.
Tu., Th., Fri., at 4.

2. **Method and School Organization.** Fourth Year.
Mon., Wed., 4–5.30.

Seminars for Graduate Students.

Weekly seminars are held (hours to be arranged) for graduate students.

THE TRAINING OF TEACHERS

THE HIGH SCHOOL DIPLOMA

This diploma is valid only in the Protestant Schools of the Province of Quebec. Only those students who may legally teach in Protestant schools should attempt to qualify for this diploma.

Each candidate must (a) make application upon the authorized forms, (b) be a British subject or satisfy the Central Board that he has begun the necessary proceedings to become such, (c) submit a physician's certificate to show that he is in good health and free from physical and mental defects that would seriously interfere with his usefulness as a teacher, (d) be a graduate of some Canadian or other British University, with degree courses as follows:—

(*a*) *Academic.* Courses for two years in the following subjects:— **English, French** and three of the following: **Latin, History, Mathematics, a science subject.**

It is provided, however, (i) that a candidate may omit in the Second Year any three of these subjects, except English, in which he has taken at least 60% in the First Year, (ii) that a candidate taking an Honour course is exempt from these requirements after the First Year.

The Regulations governing the award of the High School Diploma require that candidates shall secure the approval of the Department of Protestant Education for the first two years of the B.A. Course before entering upon Course 1 in Education in the Third Year. Applications for recognition as candidates for the High School Diploma must be made to the Department not later than the July 20th preceding entrance upon Course I.

Failure to secure such approval may involve refusal by the Department to recognize for the purposes of the Diploma the work done in both Courses 1 and 2.

N.B.—Candidates may be permitted to qualify for the High School Diploma under the Regulations that were in force when they entered, with the benefit of any amendments made subsequently.

(*b*) *Professional.*

Full Year of Graduate Training. The University has now instituted a course providing a full year of graduate training for High School Teachers. This course covers all the present requirements for the High School Diploma together with further work of a professional kind. This new and improved arrangement is being introduced to enhance the standing of High School teachers trained at McGill, and to bring the scheme of training into accord with those that generally prevail elsewhere. Candidates for this course are advised to consult the Professor of Education for further particulars.

For details of the M.A. in Education, see page 411.

For candidates who desire to qualify under the old arrangement and so long as the old arrangement is recognized by the Department of Education and the University, the following will be accepted as meeting the professional requirements:—

(1) The successful completion of courses 1 and 2 in the Department of Education.

(2) Successful completion of special courses in methods of teaching French, Music and Drawing. These courses are held in the Montreal High School on Tuesday afternoons throughout the session. Fee, $20.00, payable to the Bursar, McGill University.

(3) Successful completion of at least fifty half-days of practice teaching and criticism lessons under expert supervision (unless the candidate holds an intermediate diploma or shows an equivalent in successful teaching experience which would be accepted by the Central Board of Examiners).

The course in Practice Teaching is at present divided into two parts. The first part is taken in September preceding the Fourth Year. Education Course 1 is a prerequisite. The second part of the course in Practice Teaching is taken in May and June after the Fourth Year examinations.

ELEMENTARY, INTERMEDIATE AND KINDERGARTEN DIPLOMAS

The training for these diplomas is given at Macdonald College. (See Macdonald College Announcement).

COURSES FOR TEACHERS OF SPECIAL SUBJECTS

French. A summer school for teachers of French leading to a Specialist Diploma recognized by the Provincial Department of Education.

Kindergarten Assistants. A two-session course held in Montreal and leading to a Kindergarten Assistant's Diploma, according to the regulations of the Protestant Committee of the Department of Education. This diploma is accepted for entrance to the Kindergarten class at Macdonald College.

Physical Education. (This course is given under the Department of Physical Education. See pages 452 to 463.)

DEPARTMENT OF ENGLISH

PROFESSOR:—CYRUS MACMILLAN.

ASSOCIATE PROFESSORS:—GEORGE W. LATHAM. HAROLD G. FILES.

ASSISTANT PROFESSOR:—A. S. NOAD.

LECTURER:—MARY MACKENZIE.

LECTURER AND DIRECTOR IN PLAY PRODUCTION:—LEONA GRAY.

ASSISTANTS:—NORAH SULLIVAN; RUTH DINGLE.

SESSIONAL LECTURER IN ORAL ENGLISH:—ROBERT GEORGE.

ASSISTANTS:—A. R. MCBAIN. ESTHER ENGLAND. FREDA MACGACHEN. _____ _____ _____ _____

1. English Composition.
Sat., at 12. Professor Noad, Miss Mackenzie, Mr. George and Assistants. Section and weekly conference hours to be arranged.

2. English Literature.
General Course from Anglo-Saxon times to the present day.
Tu., Th., and, at the pleasure of the instructor, Sat. at 12.
Professor Macmillan and Assistants
Weekly conference hours to be arranged.

Advanced Courses.
In English 1 and English 2, advanced students will be assigned to special sections in which advanced work will be prescribed.

1A. English Composition.
One hour a week in the first term of the Second Year.
All students who fail in English 1 are required to take this course
Professor Noad and Assistants.

3. English Composition.
Half course. An advanced course open to a limited number of students who have completed English 1. Application for permission to take this course should be made at the beginning of the session.
Hours to be arranged.....Professor Files.

4. English Literature in the Nineteenth Century.
Tu., Th., Sat., at 11.....Professor Latham.

5. Spenser and Milton.
Second term; Tu., Th., Sat., at 12.....Professor Latham
(Given in 1934-35. Not given in 1935-36.)

6. Shakspere (Six Plays).
Mon., Wed., Fri., at 10.....Professor Macmillan
May be taken in two successive years.

7. English Literature in the Eighteenth Century.
Mon., Wed., Fri., at 12.....Professor Files
(Given in 1934-35. Not given in 1935-36.)

8A. The Forms of Public Address.—Oral English, etc.
Half course.
Tu., 3 to 5; conference hours to be arranged.....Mr. George

8B. Oral English.
For students taking the course in the Department of Education leading to the High School Diploma. Hours to be arranged.
Mr. George

9. English Poetry from 1798 to the present time.
Mon., Wed., Fri., at 11.....Professors Macmillan and Noad and Assistants.
(Given in 1934-35. Not given in 1935-36).

10. The English Novel, from Richardson to the present time, with some reference to foreign work and to related literary types.
Tu., Th., Sat., at 11.....Professor Files.
(Not given in 1934-35. Given in 1935-36).

11. English Literature, from 1450 to the Restoration.
Mon., Wed., Fri. at 12...Professors Noad, Macmillan and Latham.
(Not given in 1934-35. Given in 1935-36).

12. Anglo-Saxon; English Literature up to the Norman Conquest.
Mon., Wed., Fri. at 2.....Professor Latham.

13. Technique of the Drama.
Tu., Th., at 10 a.m.; laboratory periods Mon., Tues., Wed., Thurs., Fri., 3.30 to 5.30 p.m.....Miss Gray, Professors Macmillan and Files, Mr. George, Miss Sullivan, Miss Dingle and Assistants.
Courses 3, 6, 7, 11 and 19 are recommended to students taking this course.

14. Chaucer.
First term; Tu., Th., Sat., at 12.....Professor Latham.
(Given in 1934-35. Not given in 1935-36).

15. American and Canadian Literature.
Second term; Mon., Wed., Fri., at 11
Professors Macmillan and Latham.
(Not given in 1934-35. Given in 1935-36).

16. Comparative Literature.
The influence of English Literature upon the continent of Europe in the 18th and 19th centuries.
Tu., Th., Sat., at 9.....Professor Noad.
(Given in 1934-35. Not given in 1935-36).

17. Comparative Literature.
The literary influence of the Continent upon England since 1600.
Tu., Th., Sat., at 9.....Professor Noad.
(Not given in 1934-35. Given in 1935-36).

18. The English Bible.
First term; Tu., Th., Sat., at 9.
Professor ———————— and Assistants.
(Not given in 1934-35).

19. **English Literature from the Restoration to the Death of Dryden.**
First term; Mon., Wed., Fri., at 12.....Professor Files.
(Not given in 1934-35. Given in 1935-36).

20. **Early English: English Literature from 1200 to 1450.**
Tu., Th., Sat., at 12.....Professor Latham.
(Not given in 1934-35. Given in 1935-36).
Open only to students who have taken Course 12, or its equivalent.

21. **Political Satire Since the Renaissance.**
First term; Mon., Wed., Fri., at 11.....Professor Macmillan.
(Not given in 1934-35. Given in 1935-36).

22. **An Advanced Course in the Technique of the Drama.** Prerequisite: English 13 or its equivalent.

The attendance in this course is limited to twenty. Application for admission must be made at the beginning of the session. Mon., Wed., Fri., 12. Laboratory periods, Mon., Tues., Wed., Th., Fri., 3.30 to 5.30 p.m.
Miss Gray, and other members of the Department.

23. **Studies in Literature Since 1900.** Contemporary authors English and American. Open only to those who have taken English 10. Tue., Th., Sat. at 11.....Professor Files.

NOTE

Courses 4, 7, 11, 15, and in special cases with the consent of the Department, Course 6, are open to students in the Second Year.

Courses 3, 5, 8 to 14 inclusive, and 16 to 23 inclusive are open to students in the Third and Fourth Years.

HONOUR COURSES

Second Year:—Two courses selected from 4, 6, 7, 8, 15, 18, 19.

Third Year:—Four courses.

Fourth Year:—Four courses not taken in the Third Year; Course 11 in the Graduate School may be taken, with the permission of the Department.

Three full courses from 5, 6, 12, 14 and 20 are compulsory for Honours.

ENGLISH REQUIREMENTS FOR THE HONOUR COURSES IN ENGLISH AND LATIN, ENGLISH AND FRENCH, AND ENGLISH AND GERMAN.

Second Year:—Consult the Chairman of the Department.

Third Year:—Two courses, chosen with the approval of the Department.

Fourth Year:—Two courses, chosen with the approval of the Department.

Course 12 and one course selected from 5, 14 and 20 are compulsory.

ENGLISH REQUIREMENTS FOR HONOURS IN ENGLISH AND OTHER SUBJECTS

Second Year:—Consult the Head of the Department.

Third Year:—Two courses chosen with the approval of the Department.

Fourth Year:—Two courses chosen with the approval of the Department.

One full course selected from 5, 6, 12, and 14 is compulsory in either the Third or the Fourth Year.

FINAL GENERAL EXAMINATION:—Every candidate for Honours in English or English and another subject, must pass, near the close of his last year, a special general examination, either oral or written, conducted by a committee of the Department.

GRADUATE COURSES

See page 413.

DEPARTMENT OF GENETICS

PROFESSOR:—C. LEONARD HUSKINS.

RESEARCH ASSISTANT:—STANLEY G. SMITH.

Natural Science 1

(Five lectures in the conjoint Botany, Zoology, and Geology Course).
Professor Huskins.

1. **Genetics and Evolution.**
Mon., Wed., Fri., at 9; 1 laboratory hour to be arranged.
(Prerequisite:—General Elementary Botany *and/or* Zoology).

2. **Cytology.** Professor Huskins.
Mon., at 12; laboratory Th., Fri. 3-5, 2nd Term.
(Prerequisites:—Genetics 1, General Botany *and* Zoology).
Professor Huskins and Miss Spier (Dep't of Botany).

3. **Advanced Cytogenetics.**
Wed. 2-5.
(Prerequisites:—Genetics 1, General Botany *and* Zoology).
Professor Huskins and members of Macdonald College Staff.

GRADUATE COURSES

See page 418.

TEXT BOOKS

Sinnott & Dunn—Principles of Genetics (McGraw Hill); Wilson—The Cell (Macmillan); Gray—Experimental Cytology (C.U.P.); Sharp—Introduction to Cytology (McGraw Hill); Baur, Fischer & Lenz—Human Heredity (Allen & Unwin); Darlington—Recent Advances in Cytology (Blakiston, Churchill); Sansome & Philp—Recent Advances in Plant Genetics (Blakiston, Churchill); Hogben—Genetic Principles in Medicine and Social Science (Williams & Norgate); Morgan—Evolution (Norton).

DEPARTMENT OF GEOLOGICAL SCIENCES

PROFESSOR:—JOHN J. O'NEILL.

PROFESSOR OF MINERALOGY:—R. P. D. GRAHAM.

PROFESSOR OF PALÆONTOLOGY:—T. H. CLARK.

ASSISTANT PROFESSORS:—J. E. GILL. F. F. OSBORNE.

LEROY FELLOW IN GEOLOGY:———————

Natural Science 1 (Botany, Geology, Zoology). A conjoint course outlining briefly the nature and evolution of the earth and its inhabitants.

Mon., Wed., and Fri., at 12.....Professor Clark.

1. General Geology (Eng. 141).

(*a*) *Mineralogy and Petrology.*

(*b*) *Dynamical and Structural Geology.*

(*c*) *Historical Geology.*

In addition to the lectures there are excursions on Saturday mornings for five or six weeks after the term opens; students attending these are excused from any classes which conflict with the excursions. Two hours laboratory; sections arranged to suit students.

Mon. and Fri., at 9.....Professor Clark.

Text-books:—Schuchert, "Outline of Historical Geology" (Wiley); Longwell, Knopf and Flint, "Physical Geology" (Wiley).

2. Physiography and Natural Resources of Canada.

Tu., at 12, and one laboratory period to be arranged to suit the students.....Professor Gill.

3. **Stratigraphy.**

First term; Mon., Fri., at 11; one hour laboratory, and two full days field work during October. One half course.
Prerequisite:—1 ..... Professor Clark.

4. **Geology of Canada** (Eng. 149).

First term: Wed., at 11.
Prerequisite:—1 ..... Professor O'Neill.

5. **Mineralogy** (Eng. 142).

Tu. and Th., at 9 ..... Professor Graham.

6. **Determinative Mineralogy** (Eng. 143).

Two laboratory periods during the first term; Th., Fri., 2 to 5.
Professor Graham.

7. **Practical and Field Geology** (Eng. 147).

Lectures, laboratory, and field mapping.
First term; Th., at 11, and Sat. mornings, 9–12. Professor Gill.

8. **Ore Deposits** (Eng. 148).

Second term: Tu., 10 to 12, Wed. and Th., at 11.
Prerequisite:—7 ..... Professor O'Neill.

9. **Optical Mineralogy and Crystallography** (Eng. 151).

One lecture Mon. at 10, and three hours laboratory period; first term.
Professor Graham.

10. **Petrography** (Eng. 146).

First term: Tu., at 10; laboratory, first term, Fri., 10–1; second term, Sat., 9–12 ..... Professors Graham and Osborne.

12. **Palæontology.**

Second term; Mon., Wed., at 11; laboratory, Wed., 2–5.
Prerequisite:—1, Zoology 1 ..... Professor Clark.

13. **Geological Colloquium.**

Each year, this course must be taken by all 4th year students in Geology.

NOTE.—Subjects normally grouped to make full courses: 2 and 4; 3 and 12; 5 and 6; 7 and 8; 9 and 10.

Honour Courses

Second Year:—Geology 1, 5, 6; Botany 1 or Zoology 1; Chemistry 3a; German 4 (if French has already been taken).

Third Year:—Geology 3, 4, 9, 12; Chemistry 3b2; Botany 2; and one or more selected courses as advised by the Department.

Fourth Year:—Geology 2, 7, 8, 10, 13; Chemistry 4; and one or more selected courses as advised by the Department.

Note.—The selected courses in the Third and Fourth Years permit the student to concentrate on some branch of Geology in which his particular interest lies.

Graduate Courses

See page 419.

DEPARTMENT OF GERMANIC LANGUAGES

Professor:—H. Walter.
Associate Professor:—W. L. Graff.
Lecturer:—Miss B. Meyer.

1. German Language. (Beginners' B.A. Course.)

Tu., Th., Sat., at 9..Professors Walter and Graff, and Miss Meyer.

Texts:—Van der Smissen and Fraser, High School German Grammar (Copp, Clark Co.); Guerber, Märchen und Erzählungen, Vol. I (Heath); Nichols, Easy German Reader (Holt).

Students intending to proceed to Course 5 from the above must have obtained a First Class.

Those intending to proceed to Course 7 are required to study during the summer the following texts:—Hauff, Der Zwerg Nase (Heath); Moser, Der Bibliothekar (Heath); Schrakamp, Ernstes und Heiteres (A.B. Co.).

2. German Language.

Tu., Th., Sat., at 10.....Professor Walter.

Texts:—Chiles, German Composition and Conversation (Ginn); Baumbach, Waldnovellen (Heath); Hauff, Das Wirtshaus im Spessart (Macmillan), Schiller; Der Neffe als Onkel (Holt); Collmann, Easy German Poetry (Ginn).

3. German Language. (Beginners' B.Sc. Course.)

Tu., Th., Sat., at 10.....Professor Graff and Miss Meyer.

Texts:—Van der Smissen and Fraser, High School German Grammar (Copp, Clark Co.); Guerber, Märchen und Erzählungen, Vol I. (Heath); H. G. Fiedler and F. E. Landbach: A First German Course for Science Students. (Oxford University Press).

4. German Science Reading Course. Second Year.

For students who have matriculated in this language or have taken it in the First Year.

One weekly lecture until Christmas. After that date the students report every week on individual reading assignments...Professor Graff.

Texts:—Greenfield's Technical and Scientific German (Heath); Ihrig's Word Formation and Syntax (Heath).

5. German Language. Second Year.

Section A; Mon., Wed., Fri., at 11.....Miss Meyer.

Texts:—Van der Smissen, German Grammar; Jagemann, Materials for German Prose Composition (Holt); Storm, Immensee (Ginn); Porterfield, Modern German Stories (Heath); Schiller, Wilhelm Tell (Holt).

Private Readings:—

Riehl, Der Fluch der Schönheit (Heath); Wildenbruch, Der Letzte. (Am. B. Co.).

Section B; Mon., Wed., Fri., at 10.....Professor Walter.

Texts:—Van der Smissen, German Grammar; French's Materials for Sight Translation into German (Heath); Baker, German Stories (Holt); Freytag, Die Journalisten (Ginn); Schiller, Maria Stuart.

Private Readings:—Riehl, Der Fluch der Schönheit (Heath) Wildenbruch, Der Letzte (Am. Book Co.).

Students of the Second Year intending to continue German in the Third Year must attend a class in Oral German (one hour a week) until in the Professor's opinion, they have reached a satisfactory standard.

7. German Language. Second Year. Honour Course.

Mon., Wed., Fri., at 12.....Professor Graff.

Texts:—Jagemann, Materials for German Prose Composition (Holt); Goethe, Egmont (Holt); Schiller, Piccolomini; Meyer, Jürg Jenatsch (Heath); Nichols, Modern German Prose (Holt).

Private Readings:—

Heine, Harzreise (Ginn); Goethe, Sesenheim (Holt).

No student who in his First Year took German 1 can take course 7 unless he has completed the summer work as given under course 1.

Students may begin Honours in German in their Third Year, provided they have obtained a First Class in either 5A or 5B.

Honour students in German are strongly recommended to take, in their Second or Third Year, as one of their general courses, course 1 of the Department of Philosophy (Logic and Introduction to Philosophy).

N.B.—In order to be admitted to the following courses of the Third and Fourth Years a student must know German well enough to understand lectures delivered in German and express himself in German with some degree of fluency and correctness.

8. German Literature (Nineteenth Century).

Mon., Wed., Fri., at 9 (given in 1934-35).....Professor Walter.

Texts:—Kleist, Prinz Friedrich von Homburg (Ginn); Grillparzer, Sappho (Ginn); Hebbel, Agnes Bernauer; Heine, Prose (Oxford University Press); Heine, Verse; Hauptmann, Die versunkene Glocke; Keller, Sieben Legenden (Oxford University Press); Geschichte der deutschen Literatur im 19ten Jh; Osthaus & Biermann: German Prose Composition (A.B.Co.).

9. German Literature (Eighteenth Century).

Mon., Wed., Fri., at 9 (given in 1935-36).....Professor Walter.

Texts:—Lessing, Emilia Galotti (Ginn); Goethe, Faust (pt. I) (Macmillan); Schiller, Wallenstein; Lessing, Hamburgische Dramaturgie; Geschichte der deutschen Literatur im 18ten Jh.; Osthaus & Biermann: German Prose Composition (A. B. Co.).

HONOUR COURSES

10. Mediæval German Literature and Philology.

Mon., at 4 (given in 1934-35).....Professor Graff.

Texts:—Bachmann, Mittelhochdeutsches Lesebuch (Fæsi and Beer, Zürich); Behaghel, Die Deutsche Sprache (Freytag, Leipzig).

11. Entwicklung der deutschen Lyrik von Goethe bis in die Neuzeit.....Professor Walter.

One hour. (Given in 1934-35.)

12. Geschichte des deutschen Trauerspiels.....Professor Walter.

Two hours. (Given in 1935-36.)

13. Composition.

One hour.....Professor Graff.

Mutschmann, Passages for translation into German (Oxford Univ. Press).

GRADUATE COURSES

See page 421.

DEPARTMENT OF HISTOLOGY AND EMBRYOLOGY

PROFESSOR:—J. C. SIMPSON

LECTURER IN HISTOLOGY AND EMBRYOLOGY:—H. E. RAWLINSON

LECTURERS IN HISTOLOGY:—D. J. BOWIE. W. M. FISK.

DEMONSTRATOR IN HISTOLOGY:—J. R. DEAN

Before registering for the following courses, students must consult the chairman of the department to ensure that they are qualified to undertake the work.

1. Histology and Embryology.

Two lectures and six hours of laboratory work per week throughout the session.

Lectures—Mon. and Wed., at 2.

Laboratory—Div. A—Tues. 2-5, Thurs. 9-12.

Div. B—Tues. 9-12. Thurs. 2-5.

Professor Simpson, Dr. Rawlinson and staff.

DEPARTMENT OF HISTORY

PROFESSOR AND CHAIRMAN OF THE DEPARTMENT:—C. E. FRYER.

ASSOCIATE PROFESSOR:—E. R. ADAIR.

ASSISTANT PROFESSORS:—T. W. L. MACDERMOT (on leave of absence) W. M. WHITELAW.

ASSISTANTS:—ALICE LUNN, DOROTHY J. ROSS, J. I. COOPER, ISABEL F. CRAIG

COURSES FOR GENERAL STUDENTS

1A General History of Europe, from the Break-up of the Roman Empire to 1914. First Year.

Tu., Th., Sat., at 11.....Professor Whitelaw.

or

1B. Ancient History. First Year.

Tu., Th., Sat. at 11*.....Professor Carruthers and Mr. Counsell.

Students in History desiring to take course 1B should read the notes below on Continuation and Honour Courses in History.

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*See also under Department of Classics.

2. **General History of North and South America.** Second Year.
Mon., Wed., Fri., at 9.....Professor Adair.

3. **History of the British Empire.** Second Year.
Tu., Th., Sat., at 10.....Professor Whitelaw.
With the consent of the Department, this course may be taken by Third Year students.

4. **History of Canada.** Third Year.
Tu., Th., Sat., at 9.....Professor Whitelaw.
With the consent of the Department, this course may be taken by Fourth Year students.

5. **British Industrial Democracy, 1784-1914.** Fourth Year.
Mon., Wed., Fri., at 11.....Professor Fryer.
With the consent of the Department, this course may be taken by Third Year students.

6. **History of Europe, 1789-1914.** Fourth Year.
Mon., Wed., Fri., at 12.....Professor Fryer.

Courses Specially for Honour Students

Prerequisite:—History 1.

7. **Mediæval Life and Institutions.** Second Year.
Tu., Th., Sat., at 10.....Professor Fryer.

8. **History of Modern Europe to 1789.** Third Year.
Mon., Wed., Fri., at 12.....Professor Adair.

9. **English Constitutional History.** Fourth Year.
Tu., Th., Sat., at 9.

10. **History of Economic and Social Conditions, with special reference to England.** Fourth Year.
Mon., Wed., Fri., at 10 *or* 11, as arranged.....Professor Adair

Special Subjects:—

The Reign of Charles I.
William Pitt and the Conquest of Canada.
England, 1832-1846: a study in political reconstruction.
1848: A Year of Revolution in Europe.
The Genesis of the British Parliamentary Labour Party.
A Selected Topic in Canadian History 1867-1896.
A Period or Aspect of Ancient History.*

*For courses in Ancient History, see under the Department of Classics.

NOTE.—A choice of one of these special subjects for continuous study by Honour students during their Third and Fourth Years is made in consultation with the Department. Students will be expected to acquire a general knowledge of the subject selected and to make a more intensive study of one of its aspects.

General students taking History as a continuation subject may, if they so desire, take course 1B (Ancient History) in their first year. If they do so, they must take History 1A in their second year, and either History 2 or History 3 in their Third Year.

Students taking Honours in History will take the following courses in 1934-35:—

First Year: History 1A., and four courses in other subjects.

Second Year: History 2 and 7.
Three approved courses in other subjects, at least one of which must be a foreign language.

Third Year: History 4 and 8.
An approved course in Philosophy, Economics, Latin, French *or* German. One of the special subjects in History.

Fourth Year: History 5, 6 and 10.
Continuation of special subject begun in 1933-34.

Students taking Honours in History and another subject will take the following courses in History in 1934-35:—

Second Year: History 2 and 7.

Third Year: History 4 and 8.

Fourth Year: History 6 and 10.

NOTE.—In addition to the examination on the subjects taken up in the last year, Fourth Year Honour students have a general examination paper on the history studied by them in their four years.

GRADUATE COURSES

See page 421.

DEPARTMENT OF MATHEMATICS

PROFESSORS and JOINT CHAIRMEN: C. T. SULLIVAN. N. B. MACLEAN.

PROFESSORS:—A. H. S. GILLSON, W. L. G. WILLIAMS

ASSOCIATE PROFESSOR:—H. TATE

ASSISTANT PROFESSORS:—F. M. WOOD, G. PALL

SESSIONAL LECTURER:—W. B. ROSS

1. Mathematics. (For First Year students.)

Geometry and Trigonometry. Mon., Wed., Fri., at 9 or 11, first term.
Algebra. Mon., Wed., Fri., at 9 or 11, second term.

Five ordinary sections: Professors MacLean, Gillson, Tate, Wood, Dr. Ross. One advanced section, Mon., Wed., Fri., at 9. Professor Gillson.

Text-books:—Hall and Knight, Elementary Trigonometry; revised Canadian edition; Carslaw, Plane Trigonometry; Hall and Stevens, School Geometry, Parts I-VI; Hall's School Algebra, Parts I, II, III.

First or Second class standing in course 1 is necessary for course 3 or 4.

1B. Practical Mathematics.

Two lectures and one tutorial weekly during first term (time to be arranged).....Dr. Ross.

2. Elementary Analysis. (For Second Year students.)

Mon., Wed., Fri., at 10.....Dr. Ross.

3. Calculus. (For Second Year and other qualified students.)

Mon., Wed., Fri., at 10.....Professor Sullivan.

Text-book:—Lamb, Infinitesimal Calculus.

4. Algebra and Analytical Geometry. (For Second Year and other qualified students.)

Tu., Th., Sat., at 12.....Dr. Ross.

Text-book:—C. Smith, Conic Sections.

A knowledge of courses 3 and 4 is a prerequisite for courses 6, 7, 8.

Ordinary students taking Mathematics as a continuation subject are advised as follows:—Mathematics 3, 4 may be taken in the same year or in different years in any order. After Mathematics 3, 4 have been passed, any of Mathematics 6, 7, 8 may be taken in any order.

5. Spherical Trigonometry and Astronomy. (For Second Year and other qualified students.)

Spherical Trigonometry: One hour, first term....Professor Sullivan.
Astronomy: Two hours, second term.....Professor Gillson.
Text-books:—Murray, Spherical Trigonometry; Barlow and Bryan, Astronomy (London University Tutorial Press); Moulton's Astronomy.

This course can be combined with Physics 4 to form a three-hour course for the year.

6. Analytical Geometry of Three Dimensions; Curve Tracing. (For Third Year and other qualified students.)

Three hours.....Professor Sullivan.
Text-books:—C. Smith's Solid Geometry; R. T. J. Bell, Geometry of Three Dimensions.

7. Infinitesimal Calculus and Differential Equations. (For Third Year and other qualified students.)

Three hours.....Professor Gillson.
Text-books:—Lamb, Infinitesimal Calculus; Osgood, Advanced Calculus; Forsyth, Differential Equations (Macmillan); Piaggio, Differential Equations (Bell).

8. Finite Differences and Theory of Equations.
(For Third Year and other qualified students.)

Three hours .....Professor Tate.
Course 8 is a prerequisite to course 9.
Text-books:—Burnside and Panton, Theory of Equations; Fine, College Algebra; Freeman, Actuarial Mathematics.

9. Modern Higher Algebra. (For Fourth Year and other qualified students.)

Three hours.....Dr. Pall.
Text-book:—Bôcher, Introduction to Modern Higher Algebra.

10. Introduction to the Theory of Functions of a Real Variable.
(For Fourth Year and other qualified students.)

Three hours .....Professor Williams.
Text-books:—Hardy, Course in Pure Mathematics (Camb. Univ. Press); Carslaw, Fourier's Series and Integrals.

11. Introduction to the Theory of Functions of a Complex Variable. (For Fourth Year and other qualified students.)
Three hours .....Professor Sullivan.

Text-books:—MacRobert, Functions of a Complex Variable; Whittaker and Watson, Modern Analysis; Appell and Lacour, Fonctions Elliptiques (Gauthier-Villars).

For Courses in Commerce open to students in Arts and Science, see Announcement of the School of Commerce.

Honour Courses in Mathematics

Prerequisites:—High standing in Mathematics 1; Physics 1 or 2.
Second Year:—Mathematics 3, 4, and either Mathematics 5 and Physics 4, or Mathematics 42 of Commerce.
Third Year:—Courses 6, 7, 8, and a fourth course (in any subject) approved by the Department.
Fourth Year:—Courses 9, 10, 11, and a fourth course (in any subject) approved by the Department.

Honour Courses in Mathematics and Physics

Prerequisites:—High standing in Mathematics 1; Physics 1 or 2.
Second Year:—Mathematics 3, 4, 5; Physics 3, 4. (Chemistry and English recommended as other subjects to be chosen.)
Third Year:—Mathematics 6, 7; Physics 5, 6.
Fourth Year:—Mathematics 10, 11; Physics 7, 8, 9, 10.

Graduate Courses in Mathematics

See page 424.

DEPARTMENT OF ORIENTAL (Semitic) LANGUAGES

Professors:—{C. A. Brodie Brockwell.
G. Abbott-Smith.

Lecturers:—{Julius Berger.
R. B. Y. Scott.

1. Hebrew Grammar and Syntax.
Mon., Wed., Fri., at 12.....Professor Brockwell.

2. Arabic and Aramaic.
Mon., Wed., Fri., at 10.....Professor Brockwell.

3. **Semitic Social Anthropology and Epigraphy.**
Mon., Wed., Fri., at 11.....Professor Brockwell.

4. **Hebrew Text of Koheleth (Ecclesiastes).**
Mon., Wed., Fri., at 9.....Professor Brockwell.

5. **Kimchi's Hebrew Commentary on Psalms 9 to 10.**
Tu., Th., at 10.....Mr. Berger.

6. **Ibn Ezra's Hebrew Commentary on Deuteronomy** (Selections)
Mon., Wed., Fri., at 12.....Mr. Berger.

7. **Hebrew Text of Deuteronomy and Jeremiah.**
Mon., Wed., Fri., at 2..... Dr. R. B. Y. Scott.

8. **Literature of the Jewish Hellenists (Selected Greek Texts).**
Mon., Wed., Fri., at 2.....Professor Abbott-Smith.

9. **Grammar and Syntax of Jewish Hellenistic Texts.**
Tu., at 12 .....Professor Abbott-Smith.

HONOUR COURSES

Prerequisite:—Hebrew 1 or an equivalent.
Second Year:—Consult the Head of the Department.
Third Year:—2, 3, 4, 5, 7.
Fourth Year:—2, 3, 4, 7 continued; and 6.

GRADUATE COURSES

See page 429.

DEPARTMENT OF PHILOSOPHY

PROFESSOR:—C. W. HENDEL (*Chairman*)

ASSOCIATE PROFESSOR:—R. D. MACLENNAN

GENERAL COURSES.

1. **Introduction to Philosophy.** Second Year.

Reading: *The Trial and Death of Socrates*, (Plato), Macmillan Co.; *Selections* from *Locke*, *Berkeley* and *Hume* (Scribner's Modern Students' Library).

Tu. (Conference), Th., Sat., at 10.

Professors Hendel, Maclennan.

1A. Logic and Scientific Method. Second Year.

Reading: M. R. Cohen, *An Introduction to Logic and Scientific Method* (Hartcourt, Brace and Co. N. Y.); M. Planck, *Where is Science Going?* (Allen and Unwin, London); Whetham, *Cambridge Readings in the Literature of Science* (Cambridge University Press).

Mon., Wed., Fri., at 12.....Professor Maclennan.

2. Moral Philosophy. Third and Fourth Years.

Reading: Plato, *Republic* (Davies and Vaughan, Macmillan); Hobbes, *Leviathan* (Everyman, Dent); Rousseau, *The Social Contract and Discourses* (Everyman, Dent); J. Butler, *Fifteen Sermons Preached in the Rolls Chapel* (Mathews, Bohn Library, Bell); Kant, *Selections* (Scribners); J. S. Mill, *Utilitarianism* (Everyman, Dent).

Tu., Th., Sat., at 11.....Professor Hendel.

3. Greek Philosophy. Third and Fourth Years.

Reading: Burnet, *Greek Philosophy Pt. 1 Thales to Plato* (Macmillan) and *Early Greek Philosophy* (A. & C. Black); Plato, *Selections* (Scribners); Aristotle, *Selections* (Scribners); Plato, *Republic* (Davies and Vaughan, Macmillan, or A. D. Lindsay, Dent); R. W. Livingstone, *The Greek Genius and its Meaning to Us;* G. L. Dickinson, *The Greek View of Life.*

Mon., Wed., Fri., at 9.....Professor Maclennan.

4. History of Modern Philosophy. Third and Fourth Years.

Reading: Descartes, *Selections;* Hume, *Selections* and Kant, *Selections* (all published by Scribners); Latta, Leibniz, *The Monadology,* etc. (Oxford Press); Bergson, *Creative Evolution* (Holt and Co.).

Tu., Th., Sat., at 12.....Professor Hendel.

ADVANCED COURSES.

5. Social and Political Ethics.

Plato, *Republic* (Davies and Vaughan, Macmillan); Aristotle, *Politics* (Everyman, Dent); Locke, *Civil Government* (Everyman, Dent); Rousseau, *The Social Contract* (Everyman, Dent); Hobbes, *Leviathan* (Everyman) and *Selections* (Scribners).

The students will make some special investigations of their own in this course.

Prerequisite: Philosophy 2 or 3 or 4.

Students of advanced standing in economics and political science, or any other cognate subject, are permitted to take this course without fulfilling the above prerequisite, but only with the express consent of the lecturer.

Th., 4.30-6; Sat. 9-10.....Professor Hendel

This course will be given in 1935-36 and alternate years. (Cf. Philosophy 10).

6. Fundamental Problems of Philosophy.

Reading: W. James, *A Pluralistic Universe* (Longman's Green); Hume, *Dialogues Concerning Natural Religion* in *Selections* (Scribners); W. R. Sorley, *Moral Values and the Idea of God*, (Cambridge University Press); Prerequisite: Any general course.

Mon., Wed., Fri., at 10.....Professor Maclennan.
This course will be given in 1934-35 and alternate years.

7. Kant and His Influence on Modern Philosophy.

Two hours, to be arranged.....

8. Plato and Aristotle.

Selection for 1933-34:—Plato *Protagoras, Theaetetus, Philebus. Timaeus* (portions). Aristotle: *Ethica Nicomachea* (Books I-IV, VI, VII, X) (Trans. Ross or Peters): *De Anima* (portions).
This course will be given in 1935-36 and alternate years.

Professor Maclennan.

9. Seminar on Contemporary Philosophy.

Subject for 1934-35: Contemporary Criticism of Kant.
Texts: Kant, *Critique of Pure Reason* (N. K. Smith); *A Commentary to Kant's Critique* (Macmillan).

One meeting a week, two hours, day to be arranged.

Professors Hendel and Maclennan

10. Ethics.

Aristotle, *Ethics* (Everyman, Dent); Spinoza, *Ethics* (Oxford Press); Kant, *Ethics* (tr. Abbott, Longman's); W. E. Hocking, *Human Nature and its Remaking* (Yale Univ. Press); W. Fite, *An Adventure in Moral Philosophy* (Lincoln MacVeagh); and other contemporary discussions.

Prerequisite Philosophy 2. Students of the Graduate Faculty are permitted to take this course without fulfilling the above prerequisite, but only with the express consent of the Chairman.

Th. 4.30-6; Sat. 9-10.....Professor Hendel.
This course will be given in 1934-35 and alternate years (Cf. Philosophy 5).

HONOUR COURSES

Second Year:—Philosophy 1 and Philosophy 1A.
(One of these courses may be deferred to Third Year.)

Third Year:—Three General Courses, 2, 3, and 4. A student may enter the Honour Course in the Third Year with but one of the prerequisite courses of Second Year. In this case the student must take the deferred course as a fourth course. Otherwise students are expected to elect a course in another subject, with the advice and consent of the Chairman.

Fourth Year:—Three Advanced Courses and one full course in another subject approved by the Chairman.

For any combined Honour Course the requirements of Philosophy are five full courses, including Philosophy 1 or 1A.

For Graduate Courses see page 433.

DEPARTMENT OF PHYSICS

DIRECTOR:—A. S. EVE.

PROFESSORS:—L. V. KING. A. N. SHAW. D. A. KEYS. J. S. FOSTER.

ASSOCIATE PROFESSOR:—H. E. REILLEY.

ASSISTANT PROFESSOR:—W. H. WATSON.

LECTURER IN ASTRO-PHYSICS:—A. V. DOUGLAS.

SESSIONAL LECTURER:—H. G. I. WATSON. (1933-34)

DEMONSTRATORS:—(1933-34) F. R. TERROUX, J. KATZMAN, D. G. HURST, K. H. ROSS, S. SILLITOE

INSTRUCTOR IN LABORATORY TECHNIQUE:—H. T. PYE.

1. General Course.

Mon. Wed., and Fri. at 2, or at 3 (*by permission*); laboratory, Tu. 2–4, or Wed. 4–6, or Th. 2–4. .....Professor Keys.

Text-books:—Kimball's College Physics (Holt); Laboratory Manuscripts (Renouf Publishing Co.).

1C. Commerce First Year.

Mon. and Tu., at 4; Laboratory as in 1.....Professor Reilley.

Text-books:—Millikan and Edwards, College Physics (Ginn)

2P. General Course (Advanced). Open to Second Year pre-medical and pre-dental students; also available for other Arts and Science students. (Physics 1 or equivalent, prerequisite.)

Tu., Th. at 3, Wed. at 11, laboratory with Physics 1. Professor Reilley.

Text-books:—Duff's Text-book on Physics (Blakiston); Laboratory Manuscripts (Renouf Publishing Co.). *Reference books:*—Daniel's Text-book on Medical Physics (Macmillan); Jones, Electricity and Magnetism (Lewis).

2. Heat, Sound and Light. (Engineering 311, Lab. 312.)
Tu., Th., Sat. at 11; laboratory, Wed. 11–1, or Wed. 2–4.
Professor Shaw.
Text-books:—Duncan and Starling's Heat, Light and Sound (Macmillan); Laboratory Manuscripts (Renouf Publishing Co.).

3A. Electricity and Magnetism. (Engineering 315, Lab. 316.)
Mon., Fri., at 11; laboratory, Mon. or Fri. 2–5.....Dean Eve.
Text-books:—Hadley's Magnetism and Electricity for Students (1926 ed. Macmillan).

3B. Statics and Hydrostatics.
Mon., at 9.....Professor Reilley.
Text-book:—Loney's Statics and Dynamics (C.U.P.).

4. Dynamics.
Two hours, first term; one hour, second term. (A half course combined with Mathematics 5 to form a three-hour unit); Tu., Th., at 9.....Professor Reilley.
Text-book:—Loney's Statics and Dynamics (C.U.P.).

5A. Properties of Matter.
Wed. at 10; laboratory Mon. 2-5.....Professor Foster.
Text-book:—Newman and Searle, "General Properties of Matter" (E. Benn Co.).

5B. Statics, Dynamics of a Particle and Rigid Dynamics.
Wed. at 12, Fri. at 9.....Professor Watson
Text-books:—Lamb's Statics and Lamb's Dynamics (C.U.P.).

6A. Electrical Measurements. (Graduate A.)
Tu., at 2, Wed., at 9; laboratory, Tu., 3-5, Wed., 2-5.
Professor W. H. Watson.
Reference books:—Laws' Electrical measurements (McGraw-Hill); Starling's Electricity and Magnetism (Longmans); Pidduck's Treatise on Electricity (C.U.P.); Hague's Alternating Current Bridge Methods (Pitman. London).

6B. Light. (Graduate B.) (Replaced by 8B in alternate sessions.*)
Mon., at 9, laboratory Th., 2-5...Professor Keys and Dr. Douglas.
Text-books:—Edser's Light (Macmillan).
References:—Robertson's Physical Optics (Van Nostrand); Wood's Physical Optics (Macmillan); Drude's Optics (Longmans).

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*Courses 6B and 8B will be given in alternate sessions as follows:—6B in '34-'35, '36-'37, etc., and 8B in '35-'36, '37-'38, etc.

6C. Electricity. (Engineering 318.)
Mainly for Electrical Engineering students.
Second term; Tu., Th., at 9.....Professor Keys.

7A. Electromagnetic Theory. (Graduate C.)
Fri., at 9.....Professor Keys.
Text-books:—Pierce's Electric Oscillation and Electric Waves (McGraw-Hill); and Elements of Electricity and Magnetism, by J. J. Thomson (C.U.P.).

7B. Mathematical Physics. (Graduate D.)
Mon., Th., at 10.....Professor Foster.
Text-books:—Houston's Introduction to Mathematical Physics (Longmans), and Page's Introduction to Theoretical Physics (Van Nostrand).

8A. Molecular Physics. (Graduate E.)
Wed., Fri., at 10.....Professor Shaw.
Text-book:—Crowther's Ions, Electrons and Ionizing Radiation (E. Arnold).

8B. Theory of Heat. (Graduate F.) (Replaced by 6B in alternate sessions.*)
Mon., at 9 (laboratory, †Th. 2-5).
Professor Shaw and Dr. Douglas.
Text-book:—Roberts' Heat and Thermodynamics (Blackie).

9. Radioactivity. (Graduate G.)
Tu., Th., at 11, second term.....Dean Eve.
Text-book:—Rutherford's Radioactive Substances and their Radio-actions (C.U.P.).

10. Vector Analysis. (Graduate H.)
Tu., Th., at 11; first term.....Dean Eve.
Text-book:—Coffin's Vector Analysis (Wiley); Phillips' Vector Analysis (Wiley).

11. Astrophysics.
Fri., 2-5.....Dr. Douglas
Text-book:—Russell, Dugan and Stewart: Vol. II, Astrophysics (Ginn).

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*Courses 6B and 8B will be given in alternate sessions as follows:—6B in '34-'35, '36-'37, etc., and 8B in '35-'36, '37-'38, etc.

†The Department of Metallurgy kindly permits students to do additional practical tests in the Metallurgical Laboratory.

Honour Courses in Mathematics and Physics

Prerequisites:—High standing in Mathematics 1; Physics 1 or 2. First Year students intending to take these Honour courses are advised to take Physics 2 and the advanced section of Mathematics 1; in this case they should also attend that part of Course 1 which deals with electricity and magnetism.

Second Year:—Mathematics 3, 4, 5; Physics, 3, 4; (Chemistry and English recommended as other subjects to be chosen).

Third Year:—Mathematics 6, 7; Physics 5, 6.

Fourth Year:—Mathematics 10, 11; Physics 7, 8, 9, 10.

Third and Fourth Year Honour students are invited to attend the Journal Club, Colloquium and Physical Society.

A reading knowledge of scientific French and German should, if possible, be obtained before the end of the fourth year.

See page 37 for course in Engineering Physics.

Graduate Courses in Physics

See page 433.

DEPARTMENT OF PHYSIOLOGY

Professor of Physiology:—John Tait.
Research Professor:—Boris P. Babkin.
Assistant Professor:—N. Giblin.
Lecturer:—S. Dworkin.
Demonstrators:—D. A. Ross. G. F. Sutherland.

1. Introductory Course.

First Term:—Three lectures a week.
Second Term: Two lectures a week.

For students who are not simultaneously taking or have not already taken a course in Anatomy or Zoology, a course of lecture demonstrations will in the second term be substituted for the omitted lecture.

Mon., Wed., Fri., at 9.

Text-books:—Bainbridge & Menzies: "Essentials of Physiology" (Longmans, Green & Co., London & New York); Best & Taylor: "The Human Body" (Gage & Co., Toronto); Halliburton: "Handbook of Physiology" (London, J. Murray); Howell: "Text-book of Physiology" (W. B. Saunders Co., Phila. & Lond.).

2. Intermediate Course.

Three lectures, one demonstration and six hours laboratory work a week. October to December.

3. Senior Course.

Two lectures, one demonstration and six hours laboratory work a week. December to February.

Requirements for Honours (B.Sc.) in Physiology

First Year: As for 1st year B.Sc.
Second Year: Introductory Course in Physiology.
Third Year: Intermediate Course and Senior Course.
Fourth Year: Advanced Lectures.

Students intending to read for honours in Physiology should consult the Professor of Physiology.

In addition to the above courses the student must have completed an adequate course of study in other departments before being admitted to the degree.

If a student has taken the Introductory Course in Physiology in his first year, he must take at a later stage either Natural Science I or General Zoology (see page 85).

In addition to the ordinary course examinations of each successive year, the student may be required to pass a general examination in Physiology at the end of his 4th year.

Graduate Courses in Physiology

See page 437.

DEPARTMENT OF PSYCHOLOGY

Professor and Director of the Psychological Laboratory:—
William D. Tait

Associate Professor:—Chester E. Kellogg.

Lecturer:—N. W. Morton.

Demonstrator:—E. C. Webster.

1. **Introduction to Psychology.** Second Year.
Mon., Wed., at 10, and two laboratory periods per month to be arranged. This course is a prerequisite for all other courses.
Professor Tait, Dr. Morton and Mr. Webster.

2. **Advanced Psychology.** Third and Fourth Years.
Lectures, experiments, and readings following syllabus issued by the instructor.
Mon., Wed., Fri., at 11.....Professor Kellogg.

3. **Experimental Psychology.** Third and Fourth Years.
Laboratory periods Mon., Wed., at 2; conferences or lectures Fri., at 2..... Dr. Morton and Mr. Webster.

4. **Advanced Experimental Psychology.** Third and Fourth Years.
Lectures, readings and reports. Open only to students who have passed or take concurrently Course 2 or Course 3.
Three hours per week, to be arranged..Professors Tait and Kellogg.
(Given in 1934-35.)

5. **Comparative Psychology.** Third and Fourth Years.
Open only to students who have passed or take concurrently Course 2 or Course 3.
First term: Mon., Wed., and Fri., at 10.....Professor Kellogg.
(Given in 1935-36.)

6. **Child Psychology.** Third and Fourth Years.
Lectures, readings and reports (half course).
Prerequisite:—Course 5.
Second term: Tu., Th., Sat., at 10.....Professor Tait.
(Given in 1935-36.)

7. **Human Motivation.** Third and Fourth Years.
Lectures, readings and reports.
Prerequisite:—Course 2 taken previously or concurrently.
Tu., Th., Sat., at 10. Given in 1934-35.....Professor Tait.

8. **General Introduction to Aesthetics.** Third and Fourth Years.
Lectures, readings, and a thesis.
Prerequisite:—Course 2 or Course 3, taken previously or concurrently, or continuation work in literature, music, philosophy, or history. Other advanced students may be admitted by permission.
Tu., Th., Sat., at 9.....Professor Kellogg.
(Given in 1935-36.)

9. **Educational Psychology.** Third and Fourth Years.
Lectures, reading, and a thesis.
Prerequisite:—Course 2, Course 3, or Education I, taken previously or concurrently.
Tu., Th., Sat., at 11. Given in 1934-35.....Professor Kellogg.

10. **Industrial Psychology.** Third and Fourth Years.
Lectures, readings and reports.
Prerequisite:—Course 3, taken previously or concurrently.
Tu., Th., Sat., at 11.....Professor Tait.
(Given in 1934-35.)

Honour Courses

Students contemplating Honours must take Psychology I and Philosophy I or IA in Second Year and are advised to include Biology and Elementary German in either First or Second Year. Admission to Honours will depend upon the student's standing in Psychology and related subjects.

Third Year:—At least two courses in Psychology, including either 2 or 3. The remaining courses should be selected in consultation with the Chairman of the Department.

Fourth Year:—Four full courses, as in third year, except that course 2 may not be counted as an Honour Course in 4th year. At the end of the Fourth Year Honour students are required to take a comprehensive examination covering the whole field. This examination may be either oral or written.

The requirements for Honours in Psychology and other subjects are two courses in Psychology and two in the other subject selected, each year.

Graduate Courses

See page 439.

DEPARTMENT OF ROMANCE LANGUAGES

Professor:—R. du Roure.

Associate Professors:—P. Villard. George E. Lemaitre.

Assistant Professors:—Mme. Touren Furness. L. d'Hauteserve.

Lecturer:—Mlle. C. Henry.

FRENCH

Every lecture, even in the First Year, is given in French.

Both oral and written examinations are held on each year's work. The oral examination (in both General and Honour courses) counts for 50 per cent.

A special section in the First Year is provided for the considerable number of students who undertake the courses in French with very little knowledge of the spoken language, but it is not possible to acquire fluency without extra work. Students who are deficient in this respect, and especially those taking French as a continuation subject, are therefore strongly advised to follow the French Summer School course either before or after their First Year.

1. **French Language and Literature.** First Year.
Section A, Mon., Wed., Fri., at 9; Section B, Mon., Wed., Fri., at 11....Professors Villard, Lemaître, Furness, d'Hauteserve and Mlle Henry.

Texts:—(*a*) General Course.—Green and Fort, French Composition (Oxford); or Coindreau and Lowe, French Composition Book (Holt); Lavisse, Histoire de France, Cours moyen; Maupassant, Contes Choisis; A. Dumas, Les Trois Mousquetaires (Heath); Hugo, Gavroche (Oxford). (*b*) Advanced Course.—Louis Hémon, Maria Chapdelaine; Racine, Andromaque (Ginn); Jules Romain, Knock ou le Triomphe de la médecine (The Century Co.); Molière, Les Précieuses Ridicules (Heath); Moraud, French Composition (Oxford); Lavisse, Histoire de France, Cours moyen.

2. **French Language and Literature.** Second Year.
Section A, Tu., Th., Sat., at 9; Section B, Tu., Th., Sat., at 11. Professors Furness, Lemaître, d'Hauteserve and Mlle. Henry.

Texts:—Des Granges, Les grands écrivains français (Hatier); Molière, Le Bourgeois Gentilhomme (Holt); Augier, Le Gendre de M. Poirier (Dent); Mérimée, Colomba (Heath); Moraud, French Composition (Oxford)..

3. **The Short Story in French Literature.** Second Year. (Honour Course.) Tu., Th., Sat. at 10.....Professors du Roure and Furness.

Texts:—Tarsot, Fableaux et Contes du Moyen Age (Heath); Perrault, Contes de ma Mère l'Oie (Hilsum, Paris); Voltaire, Zadig and other stories (Heath); Smith, Short Stories by French Romanticists (Heath); Shippee and Greene, Stories from French Realists (American Book Co.).

Beside the texts given above, a certain number of home readings will be assigned for this Course.

4. **French Literature of the XVIIth and XVIIIth Centuries.** Third Year.
Mon., Wed., Fri., at 10.....Professor Lemaître and Mlle. Henry.

Texts:—Des Granges, Morceaux choisis, Classes de Lettres (Hatier); Corneille, Le Cid; Racine, Phèdre; La Fontaine, Fables (Hatier); Des Granges, Précis de Littérature Française (Heath); Marivaux, Le Jeu de l'Amour et du Hasard (Macmillan); Beaumarchais, Le Barbier de Séville (Ginn).

Home Readings: Molière, Les Femmes Savantes (Macmillan); Lesage, Gil Blas (Heath); Voltaire, Lettres sur les Anglais (Cambridge). La Princesse de Clèves (Ginn).

Prose Composition:—Nicholson and Brennan, Passages for Translation into French (Oxford).

5. **Modern France—Political and Social Institutions. Development of Political, Social, Religious and Philosophical Thought.** Third and Fourth Years.
Mon., Wed., Fri., at 12.....Professor du Roure.
Text:—Lanson et Desseignet, La France et sa Civilisation (Holt).
N.B.—Either the first or the second part of the course can be taken as a half course.

6. **French Literature of the XIXth and XXth Centuries.** Fourth Year.
Mon., Wed., Fri., at 10.....Professors du Roure and Furness.
Texts:—Hugo, Hernani; Balzac, Le Père Goriot; G. N. Henning, Representative French Lyrics of the Nineteenth Century (Ginn), Des Granges, Précis de Littérature Française (Hatier); Des Granges, Morceaux choisis, Classe de Lettres (Hatier); Paul Bourget, Un disciple; E. Rostand, Cyrano de Bergerac.

Readings: Chateaubriand, René; Flaubert, Trois Contes; Guy de Maupassant, Contes choisis; A. Daudet, Le Petit Chose; Anatole France, Le Livre de mon ami.

Prose Composition:—Ritchie and Moore; Supplement to a Manual of French Composition (Cambridge).

7. **History of the French Language.** Third and Fourth Years. (Honour Course.)
Sat., at 10.....Prof. d'Hauteserve.
(Given in 1935-36).
Texts:—Darmstetter, Cours de Grammaire Historique, Parts I and II.

8. **History of the French Novel.**
Third and Fourth Years (Honour Course).
Tu., Th., Sat., at 12.....Professor du Roure.
(Given in 1934-35.)

9. **History of the French Theatre of the XIXth Century.**
Third and Fourth Years (Honour Course).
Tu., Th., at 10.....Professor Lemaître.
(Given in 1935-36.)

10. **History of the French Lyrics.**
Third and Fourth Years (Honour Course).
Tu., Th., at 12.....Professor du Roure.
(Given in 1935-36.)
Text:—G. N. Henning, Representative French Lyrics of the Nineteenth Century (Ginn).

11. Survey of Contemporary French Literature. Third and Fourth Years (Honour Course).
Tu., Th., Sat., at 10.....Professor Lemaître.
(Given in 1934-35.)

12. French Commercial Course. Second Year.
Mon., Wed., Fri., at 12.....Professor Villard.
Texts:—Badaire: Précis de Littérature Française (Heath); Sand, La Mare au diable (Ginn); Daudet, Lettres de mon moulin (Oxford); Carroué, Manuel de correspondance commerciale; Renault, Lectures commerciales (Oxford).
Readings:—Augier, Le Gendre de M. Poirier; Mérimée, Contes et nouvelles (Oxford); La Fontaine, Fables choisies.

13. French Commercial Course. Third Year.
Mon., Wed., Fri., at 10.....Professor Villard.
Texts:—Badaire: Précis de Littérature Française (Heath), Montesquieu, Lettres persanes (Macmillan); T. B. Rudmose-Brown, French Short Stories (Oxford); Chateaubriand, Atala (Heath); Janau, Commercial Correspondence (Longmans); Daniel Massé, Initiation économique (Hachette); Févre, Nouvelles leçons de géographie (Alcan).
Readings:—Jago, La France qui travaille (Heath); Mérimée, Colomba.

14. French Commercial Course. Fourth Year.
Mon., Wed., Fri., at 9.....Professor Villard.
Texts:—Clerget, Manuel d'économie commerciale; Gide, Principes d'économie politique; Lanson et Desseignet, La France et sa civilisation (Holt); Fèvre, Nouvelles leçons de géographie (deuxième année) Alcan; Edouard Montpetit, Sous le signe de l'or.
Readings:—Roe, La France laborieuse (Nelson); Calvert, The French Newspaper (Oxford).

15. French Science Reading Course. First Year, B.Sc. Course.
Tu., Th., Sat., at 9.....Professor d'Hauteserve.
Texts:—Greenfield and Babson, Industrial and Scientific French (Ginn); Fabre, La Vie des Insectes (Delagrave); Maeterlinck, La grande féerie (Fasquelle).

16. French Science Reading Course. For Second Year B.Sc. Students.
One weekly lecture, Friday at 5.
Texts:—Caustier, Sciences Naturelles (Vuibert); Maeterlinck, La vie des Termites (Fasquelle); Tableau du XXe siècle (1900-1933); Les Sciences (Denoël et Steele).

Honour Courses in French

Prerequisite:—1.
Second Year:—2 and 3.

Third Year:—4 or 5, and *either* 7, 9 and 10 *or* 8 and 11, and a full course in another subject approved by the Chairman of the Department.

Fourth Year:—5 or 6, and *either* 8 and 11 *or* 7, 9 and 10, and a full course in another subject approved by the Chairman of the Department.

FRENCH REQUIREMENTS FOR THE HONOUR COURSE IN FRENCH AND OTHER SUBJECTS:

Second Year:—2 and 3.
Third Year:—4 or 5; and one of 8, 11, 7 and 9, 10.
Fourth Year:—5 or 6, and one of 7 and 9, 10, 8, 11.

M.A. COURSES

See Page 440

DEPARTMENT OF SOCIOLOGY

PROFESSOR:—CARL ADDINGTON DAWSON.

ASSISTANT PROFESSOR:—EVERETT CHERRINGTON HUGHES.

ASSISTANTS:—HELEN MACGILL HUGHES. EVA R. YOUNGE.

1. **Introduction to the Study of Society.** Second Year.
(*a*) Tu., Th., Sat., at 12.....Professors Dawson and Hughes.
(*b*) Tu., Th., Sat., at 11.....Professors Dawson and Hughes.
Text-book:—Dawson and Gettys, An Introduction to Sociology. The Ronald Press.

2. **The Community.** Third and Fourth Years.
(Given in 1935-36).....Professor Dawson.

3. **Immigration.** Third and Fourth Years.
First Term: Tu., Th., Sat., at 9.....Professor Dawson.

4. **Social Disorganization.** Third and Fourth Years.
(Given in 1935-36).....Professor Hughes.

5. **Social Origins.** Third and Fourth Years.
First Term: Mon., Wed., Fri., at 9.....Professor Hughes.
Text-Book:—Wissler, An Introduction to Social Anthropology (Henry Holt & Co.).

6. **Social Movements.** Third and Fourth Years.
Second Term: Mon., Wed., Fri., at 9.....Professor Hughes.

7. **The Family.** Third and Fourth Years.
Second Term: Tu., Th., Sat., at 9.....Professor Dawson.

9. **The Sociology of the Child.** Third and Fourth Years.
(Given in 1935-36).....Professor Hughes.

11. Social Institutions.
(Given in 1935-36).....Professor Hughes

HONOUR COURSES

Second Year:—Course 1 and two courses selected from any two of the allied Departments of Economics, Psychology, Philosophy and History.

Third Year:—Three full courses from 2 to 9.

Fourth Year:—Any three full courses from 2 to 9 other than those selected in the Third Year.

At the discretion of the Department certain courses in other Departments may be substituted for certain courses in Sociology. A liberal use is made of the courses of allied Departments.

Students taking honours in Sociology and one other subject are required to take two courses in each Department.

GRADUATE COURSES

For Graduate Courses in Sociology, see page 441.

DEPARTMENT OF ZOOLOGY

PROFESSOR:—H. B. FANTHAM.
ASSOCIATE PROFESSOR:—N. J. BERRILL.
ASSISTANT PROFESSOR:—V. C. WYNNE-EDWARDS
LECTURERS:—W. TEMPLEMAN. B. W. TAYLOR.
ASSISTANT:—KATHLEEN G. TERROUX.
DEMONSTRATOR:—M. NOTKIN.
RESEARCH ASSOCIATE:—ANNIE PORTER.

Natural Science 1. A conjoint course in Botany, Zoology and Geology, outlining briefly the nature and evolution of the earth and its inhabitants.
Mon., Wed., Fri., at 12.....Professor Berrill.

1. General Zoology.
Mon., Fri., at 11; laboratory Wed., 2-5.....Professor Fantham.

2. Vertebrate Zoology.
Tu., Th., at 10; laboratory Fri., 2-5.....Professor Wynne-Edwards.

3. Invertebrate Zoology.
Mon., Wed., at 10; laboratory Tu., 2-5.....Dr. Templeman.

4A. Advanced Zoology.
First Term: Tu., Th., at 12; laboratory Th., 2-5.
Professor Fantham and Mr. Taylor.

4B. Ornithology.
Second Term: Tu., Th., at 12; laboratory Th., 2-5.
Professor Wynne-Edwards.

Social Biology and Animal Parasitology will be studied under Zoology 4A and 4B in 1935-36.

5A. Comparative Embryology.
First Term: Mon., Fri., at 12; laboratory Mon., 2-5..Professor Berrill.

5B. Experimental Zoology.
Second Term: Mon., Fri., at 12; laboratory Mon., 2-5..Dr. Terroux.

Biological Colloquium.....The Staff and Graduate Students.

The conjoint course in Natural Science is not necessarily a prerequisite for Zoology 1, but Zoology 1 should be taken before Zoology 2, 3, 4, 5. Students taking Zoology 4 are advised to take Zoology 2 before or at the same time. Physiology 1 is a desirable course either before or in conjunction with Zoology 2 and 3, while Chemistry 4, Physiology 2 or Botany 4A are desirable either before or in conjunction with Zoology 5.

In special cases, modifications may be made after consultation with the Professor and the Dean of Science.

HONOUR COURSE IN ZOOLOGY

First Year: As for general B.Sc., preferably including Botany 1 instead of Natural Science.

A total of five courses must be taken in each of the 2nd, 3rd, and 4th years.

The following courses are recommended:—

Second Year: Zoology 1, Physiology 1, Chemistry 2, Chemistry 4, Physics 2P, Mathematics 1B.

Third Year: Zoology 2, Zoology 3, Zoology 4A and 4B, Botany 4A, Geology 12.

Fourth Year: Zoology 4A and 4B (topics not already taken), Zoology 5, Physiology 2 and 3.

Other courses to be selected on the advice of the Professor.

In special cases, modifications may be made in the preceding list after consultation with the Professor and the Dean of Science, but, in his four years' study, an Honour student must take all the courses given in the Department during that period.

Honour students may be required to take a general examination in Zoology at the end of the Fourth year in addition to the ordinary course examinations.

Text-Books:—Hegner, "College Zoology," Macmillan, New York; Guyer, "Animal Biology," Harper Bros., New York; Borradaile, "Manual of Elementary Zoology," Oxford Univ. Press; Curtis and Guthrie, "Text-book of General Zoology," second edition, J. Wiley & Sons, New York; De Beer, "Vertebrate Zoology," Macmillan, New York; Goodrich, "Structure and Development of Vertebrates," Macmillan, London; Borradaile, Eastham, Potts & Saunders, "The Invertebrata," Cambridge Univ. Press; Hegner, "Invertebrates," Macmillan, New York; Brumpt, "Précis de Parasitologie," Masson, Paris; Hegner, Root & Augustine, "Animal Parasitology," Century Co., New York; Russell and Yonge, "The Seas," Warne Bros., London; Chapman, "Handbook of the Birds of Eastern North America," Putnams, New York; De Beer, "Introduction to Experimental Embryology," Oxford Univ. Press; McEwen, "Text-Book of Embryology," Hy. Holt & Co.; Durken, "Experimental Analysis of Development," W. W. Norton & Co., New York; Bayliss, "Principles of General Physiology," Longmans Green & Co.; J. Gray, "A Text-Book of Experimental Cytology," Cambridge Univ. Press; Parker & Haswell, "Text-Book of Zoology, 2 vols." Macmillan, London; E. S. Russell, "Behaviour of Animals," Edw. Arnold, London.

GRADUATE COURSES IN ZOOLOGY

See page 443.

DEPARTMENT OF PHYSICAL EDUCATION

DIRECTOR, DEPARTMENT OF PHYSICAL EDUCATION:—ARTHUR S. LAMB
UNIVERSITY MEDICAL OFFICER:—F. W. HARVEY.
ATHLETICS MANAGER:—D. S. FORBES.
TRACK COACH AND ASSISTANT PHYSICAL DIRECTOR:—F. M. VAN WAGNER.
ASSISTANT PHYSICAL DIRECTOR:—HAY FINLAY.

At the time of his medical examination (see page 100), each student is asked to fill in a card indicating his choice of physical activity, which he will be allowed to follow unless debarred for medical reasons, in which case he is given a further choice among other recognized but less strenuous forms of exercise or does gymnasium work as the case may require.

Physical education is compulsory for all students of the first two years. Two hours per week are devoted to it.*

Any student participating in competitive athletics may be excused from other forms of exercise during the season of training at the option of the Director.

Not less than one month before the conferring of degrees, the Director furnishes to the Registrar of the University, for transmission to Corporation and the Faculty, a list of all students, being candidates for degrees at the forthcoming Convocation, who have failed to satisfy the requirements of the Committee on Physical Education, and no Diploma for a degree is issued to any such candidate except by express direction of Corporation.

No student in default is allowed to proceed to the next year of his course unless exemption is granted for special reasons on the recommendation of the Faculty and approved by the Committee on Physical Education.

All students in good standing, who are taking a course of study held to be sufficient by a special committee of the Faculty in which they are enrolled, are allowed to take part in athletics, subject, however, to the general regulation regarding medical examination.

Suspension from lectures for any cause, or absence from more than one-eighth of the total number of lectures given in any course, is considered sufficient grounds to disqualify a student from engaging in athletic contests.

During the session and including the Christmas holidays, all teams and individual students *desiring to participate in "outside athletics"*† must first apply to the Captain or Manager of the club concerned, who must secure the permission of the Athletics Manager, by whom all such sanctions are granted.

Should any student take part in athletic contests, not having been sanctioned as above, or who is not personally qualified under the regulations regarding eligibility, medical examination, etc., such student shall be immediately debarred from participation in all University athletics. He shall be reported to the Athletic Board, which body shall, if it sees fit, request the offender to withdraw from the University, if the consent of the Principal has been given, until Corporation shall meet to deal with the matter.

(For further regulations see handbook published by the Athletic Board.)

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*NOTE:—Owing to lack of accommodation this requirement is suspended for the session 1934-35.

†"Outside Athletics" are athletics not under the control of the Athletic Board of the University or of the Intercollegiate Athletic Union.

FOR WOMEN (Royal Victoria College)

PHYSICAL DIRECTOR FOR WOMEN:—JESSE S. HERRIOTT.

UNIVERSITY MEDICAL OFFICER FOR WOMEN:—MARY CHILDS.

ASSISTANT PHYSICAL DIRECTORS FOR WOMEN:—RUTH HARVEY, ZERADA SLACK, ETHEL WAIN

Undergraduate students in Arts are required by ruling of Corporation to take at least two hours work per week in this Department for the first three years of their course. Students in Music must take two hours per week for two years.

Partial students may register for work in this Department on payment of $5.00 for a class of two periods per week.

To meet the requirements in the Department of Physical Education for Women, all undergraduate students should enrol for two classes per week. All classes start the week of October 8th, 1934.

Course numbers 2, 4, 5 and 7, will not begin until the week of October 29th. Students enrolling in these courses will engage in two a week of the following classes during the month of October: Field Hockey, Tuesdays and Fridays at 3 (Upper Stadium); Track and Field, Tuesdays and Thursdays at 12 (Lower Stadium); Archery, Friday at 11 (Upper Stadium); Tennis (To be played on University Courts at students' convenience; time of play to be signed for in the office of R.V.C.)

Activity Courses for 1934-35: (All classes will be taken out of doors whenever weather permits).

1. **Gymnastics** (Behind R.V.C.).
   Monday at 12, Tuesday at 12, Wednesday at 12.
2. **Apparatus** (R.V.C.).
   Friday at 11.
3. **English Country Dancing** (Behind R.V.C.).
   Monday at 3.
4. **Elementary Interpretative Dancing** (R.V.C. Hall).
   Thursday at 9.
5. **Advanced Interpretative Dancing** (R.V.C. Hall).
   Wednesday at 11, Friday at 12.
6. **Elementary Folk Dancing** (Behind R.V.C.).
   Wednesday at 2.
7. **Advanced National and Character Dancing** (R.V.C. Gym.).
   Monday at 10.

8. **Badminton:**
   Elementary Sections: (Tennis Courts, behind R.V.C.)
   Wednesday at 12, Thursday at 2.
   (Beginners only are eligible to enrol).
   Advanced Sections: (Behind R.V.C.).
   Tuesday at 11, Wednesday at 9, Thursday at 10, Friday at 11.

No student may enrol for an advanced section for more than one year or for more than one class a week. Racquets must be furnished by the students.

9. **Swimming** (Montreal High School Pool).
   Elementary Sections:
   Wednesday at 11, Thursday at 12.
   Advanced Sections:
   Tuesday at 10 and 12, Wednesday at 10 and 12, Friday at 12.
   A fee of $1.50 to cover suit and towel service must be paid by the student before the first of November.

10. **Volleyball, Basketball, Baseball** (Behind R.V.C.). Seasonal arrangement.
    Elementary Section:
    Tuesday at 2.
    Advanced Sections:
    Monday at 5, Wednesday at 4, Thursday at 3.

11. **Elementary Tennis.** (Tennis Courts behind R.V.C.).
    Monday at 12, Tuesday at 9, Tuesday at 3.
    Racquets must be furnished by the students.

12. **Archery.** (Upper Stadium).
    Monday at 11, Tuesday at 11, Thursday at 11, Friday at 10.

13. **Elementary Golf.** (Upper Stadium).
    Monday at 9, Friday at 9, Friday at 12.
    (Beginners only are eligible to enrol.)

14. **Postural Exercises.**
    Students who are assigned to this work as a result of the health examination will be divided into small groups, and suitable hours arranged.

15. **Hygiene Lectures required of all First Year Students.**
    The last Monday of every month at 5 (Room 105, R.V.C.).

In January and February skiing, skating, and ice hockey may be substituted for an indoor class. Arrangements for this will be made by Department, and due notice given to the students.

SCHOLARSHIPS, MEDALS, AND PRIZES

For details of Entrance Scholarships see the General Announcement which may be obtained from the Registrar's Office.

GENERAL REGULATIONS IN ARTS AND SCIENCE

1. No student can be awarded more than one scholarship in Group B or C; in Group A, however, a student may hold more than one.

2. Scholarships will be awarded only if an adequate standard is attained.

3. If in any College Year there is not a sufficient number of candidates showing adequate merit, any one or more of the scholarships offered for competition may be given to more deserving candidates in another Year.

4. In order to retain his scholarship a successful candidate must proceed regularly with his college course to the satisfaction of the Faculty.

5. The annual income of the scholarships will be paid in four instalments, viz.:—In October, December, February and April, about the 20th of each month.

GROUP A.—SCHOLARSHIPS IN ARTS AND SCIENCE AWARDED ON THE RESULT OF THE SESSIONAL EXAMINATIONS

THE JANE REDPATH SCHOLARSHIP.—Founded by the late Mrs. Redpath, for the maintenance of a scholarship in Arts and Science. It is awarded on the result of the sessional examinations of the First Year to the student who makes the highest average on the year's work. Value of scholarship, $100.

THE BARBARA SCOTT SCHOLARSHIP.—Founded by the will of the late Barbara Scott to form an annual scholarship for the student "excelling in Classics in the First Year." Value $125.

THE JAMES DARLING MCCALL SCHOLARSHIP.—This scholarship was founded by J. T. McCall, Esq., in memory of his son, James D. McCall, B.Sc., who was drowned shortly after the war, in which he served with distinction. This scholarship is awarded each year to a male student of the Third Year of Arts and Science who has "given proof of scholarship and ability as an honour student in the subject of English and Philosophy." It is of the value of $250.

THE CHARLES WILLIAM SNYDER MEMORIAL SCHOLARSHIP.—This scholarship, founded by L. P. Snyder, Esq., in memory of his son, Charles William Snyder, a student of First Year Arts, who was killed in the Battle of Sanctuary Wood on June 2nd, 1916, is of the value of $250. It is awarded annually on the result of the examination in English and Economics of the Second Year, and is subject to the condition that the holder take an Honour Course in English, with Economics as a minor subject in his Third Year, or the Honour Course in English and Economics. It is open to male students in the Faculty of Arts and Science professing the Christian religion.

MACKENZIE SCHOLARSHIPS.—Four Mackenzie Scholarships are awarded annually in the Department of Economics and Political Science. Two, of $100 and $50 respectively tenable for one year, are awarded, on the results of the Second Year examination in Economics 1 and 2, to students whose courses have been approved by the Department, but no student is eligible who has not completed the work of this Year. The tenure is conditional upon the holders taking the honour work in Economics and Political Science of the Third Year. The other two scholarships, of $100 and $50, are awarded on the result of the honour examination of the Third Year in Economics and Political Science. The scholarships will not be awarded except on satisfactory evidence of merit; their tenure is conditional upon the holders taking the honour work in Economics and Political Science of the Fourth Year.

A Fourth Year Mackenzie scholarship may be held by a student who holds another; a Third Year scholarship cannot.

THE SIR WILLIAM DAWSON SCHOLARSHIP.—Given by the New York Graduates' Society; value, $60.

THE DR. BARCLAY SCHOLARSHIP.—Awarded in the Classical Department; value, $50.

ROBERT BRUCE SCHOLARSHIP.—From a fund, created by the will of the late Robert Bruce, of Quebec City, one scholarship of annual value $100, tenable for three years, will be awarded for high standing in the examinations at the end of the First Year.

THE REFORD SCHOLARSHIP.—The interest on this fund, amounting to about $250 per annum, will be equally divided each year and placed at the disposal of the Departments of English and Philosophy.

THE HOUSTON SCHOLARSHIP.—Founded by the will of Thomas Houston, to establish a scholarship for French students studying for

the Presbyterian Ministry. It is open only to undergraduates in the Faculty of Arts and Science under the above restriction and is awarded on the result of the sessional examinations without regard to Year. The value is about $70.00.

THE NATHAN FISH MEMORIAL SCHOLARSHIP.—This scholarship, of the value of $50.00, has been founded by the Chi Chapter of the Sigma Alpha Mu Fraternity in memory of Nathan Fish, a student in Pharmacy who died in 1925. It is awarded annually to the student obtaining the highest distinction in the Second Year honour subjects of the Department of English, or in any other courses which the authorities may select.

THE MARGARET JANE ALLAN SCHOLARSHIP.—This scholarship, of $200, was established in 1929 by a bequest to the Royal Victoria College from Mrs. Agnes W. Allan. It is awarded each year to the woman student in either the B.A. or the B.Sc. course in Arts and Science who obtains the highest standing in the sessional examinations of the First Year.

PETERSON MEMORIAL SCHOLARSHIP IN CLASSICS.—Founded in memory of Sir William Peterson, Principal of McGill University from 1899 to 1918, by his son, W. G. Peterson, M.A., who left a legacy of $10,000, to provide an annual scholarship to be known as the "Peterson Memorial Scholarship in Classics" and awarded to the most promising student in Classics in McGill University whom the Faculty of Arts and Science may select. Annual value, $450.00.

GROUP B.—SECOND YEAR SCHOLARSHIPS IN ARTS AND SCIENCE AWARDED ON THE RESULT OF A SPECIAL EXAMINATION IN SEPTEMBER

Six scholarships, ranging in value from $100 to $150 each, will be offered for competition to students entering the Second Year in September, 1934.

The subjects of examination are divided into two groups, as follows:—

Group I.—Greek, Latin, French, German, English, History.

Group II.—Mathematics, Physics.

Candidates are required to offer two subjects, which must be selected from the same group.

Two scholarships of $150 each and two of $100 each are offered to candidates taking their subjects from Group I, and one of $150 and one of $100 to candidates taking their subjects from Group II.

One of these scholarships is "The Charles Alexander Scholarship," for men only, and is awarded for "classics and other subjects."

The above scholarships are open to all undergraduates in Arts and Science whether they are taking the B.A. or the B.Sc. course.

Notice of intention to take the examination for these scholarships must be sent to the Registrar before July 1st.

REQUIREMENTS IN EACH SUBJECT

Greek.

I. (*a*) Homer, Iliad iii.
(*b*) Plato, Ion.

II. Translation at sight.

Latin.

I. (*a*) Cicero, De Senectute.
(*b*) Cicero, Pro Archia.
(*c*) Horace, Odes Book ii.

II. Translation at sight.

French.

(*a*) Grammar; (*b*) translation at sight of an English passage into French; (*c*) French essay on a prescribed subject; (*d*) a critical study of the following texts, tested by questions in the French language to be answered in French:—

Corneille, Cinna (Holt); Molière, La Malade Imaginaire (Macmillan); Rudmose-Brown, French Short Stories (Oxford); Loti, Pêcheurs d'Islande (Rivington).

German.

(*a*) Grammar; (*b*) translation at sight from German into English and from English into German; (*c*) critical study and translation of the following texts:—

Goethe, Hermann und Dorothea (Holt); Fulda, Talisman (Heath), Hauff, Lichtenstein (Heath).

English.

Shakspere, Twelfth Night; Macaulay, History of England, Vol. I, Chap. 3 (England in 1685); Scott, Marmion; Thackeray, Pendennis; Charles Reade, The Cloister and the Hearth; Tennyson, The Coming of Arthur, The Last Tournament.

History.

Edward Gibbon: The Decline and Fall of the Roman Empire, Chaps. i-iii (inclusive), xv-xvii (inclusive), xx; C. and M. Beard: The Rise of American Civilization, Hakluyt's Voyages, Everyman Edition (1926), vol. VI, pp. 1-38, 42-49, 115-132, vol. VIII, pp. 48-74; More's Utopia.

Mathematics.

Plane Geometry.—Godfrey and Siddon's Modern Geometry, omitting appendices.

Algebra.—Hall and Knight's Higher Algebra.

Plane Trigonometry.—Carslaw's Plane-Trigonometry (Macmillan & Co.), except Chap. 13.

Physics.

Duncan and Starling's "Heat, Light and Sound" (Macmillan); and Bragg's "Concerning the Nature of Things."

GROUP C.—THIRD YEAR SCHOLARSHIPS IN ARTS AND SCIENCE AWARDED ON THE RESULT OF A SPECIAL EXAMINATION IN SEPTEMBER

Five scholarships, of the value of $300 ($150 per year for two years), are open for competition to students entering the Third Year in September, 1934.

Three scholarships will be awarded for subjects in Group I and two scholarships for subjects in Group II.

Group I.—Greek, Latin, English, French, German, History.

Group II.—Mathematics and Physics.

Candidates are required to offer two subjects which must be selected from the same group.

Of the above five scholarships two are known as "Sir William Macdonald Scholarships" and are open to men only.

The four following scholarships, of the value of $150 each, are also offered for competition to students entering the Third Year:—

One for Philosophy.

One for Psychology.

One for Chemistry.

(Of the above three scholarships, one is called a "Sir William Macdonald Scholarship" and is open to men only.)

One for Biology.

(This scholarship is called "The Major Hiram Mills Scholarship." It is open to both men and women.)

The four last mentioned scholarships may be awarded in any manner announced by the Departments interested.

A Bursary of $25 will be awarded to the holder of one of these four scholarships who is considered most deserving on entering the Fourth Year.

The Hannah Willard Lyman Exhibition of $80 is also awarded annually in the Fourth Year to the best woman student who may have been the holder of a Third Year scholarship in biology or chemistry or philosophy. Should there be no sufficiently deserving candidate, this exhibition may be awarded at the beginning of the Third Year to a woman candidate who may fail to obtain one of the five regular scholarships offered to Third Year students.

In the award of Third Year scholarships, the Second Year standing of candidates, in the subject selected, is taken into account.

In the event of no candidate of sufficient merit presenting himself, the scholarship assigned to any group of students may, at the discretion of the Faculty, be awarded in another group, whether a scholarship has been already assigned to that group or not.

Notice of intention to take the examination for these scholarships must be sent to the Registrar before July 1st.

REQUIREMENTS IN EACH SUBJECT

Greek.

Translation at sight.

Study of the following texts:—Euripides, Hippolytus; Xenophon, Oeconomicus.

Latin.

Translation at sight.

Study of the following texts:—Cicero, Philippic ii; Virgil, Aeneid xii: Tacitus, Dialogus.

English.

Shakspere:—Henry IV, Part 2, and King Lear; Milton, Paradise Lost, Books I and II; Pope, An Essay on Criticism; Carlyle, Past and Present; Arnold, Essays in Criticism, Second Series; Morris, Atalanta's Race.

History.

Pepys' Diary, 1659-1666 inclusive; Macaulay's History of England, Chaps. ii-x inclusive; Francis Parkman, The Old Régime; G. M. Wrong, A Canadian Manor and its Seigneurs.

French.

(*a*) Translation at sight from English into French; (*b*) questions on the subject matter of the following texts, and the lives of their authors:—Molière: Le médecin malgré lui (Heath); Racine: Andromaque (Heath); Rostand: Cyrano de Bergerac (Holt); Hugo; Ruy Blas (Holt); Taine; L'Ancien Régime (Heath).

The entire examination is held in the French language.

German.

(*a*) Translation at sight from German into English, and from English into German; (*b*) critical study and translation of the following texts:—Goethe, Dichtung und Wahrheit, Books I, II, III (Heath); Eichendorff, Aus dem Leben eines Taugenichts (Holt); Heine, Prose Selections, Faust's edition (Macmillan); Schiller Piccolomini; Wallenstein's Lager (Holt) *and* either Wilhelm Tell *or* Maria Stuart.

Mathematics and Physics.

CALCULUS:—Fundamental principles relating to functions, limits, and continuity; differentiation and integration of ordinary functions; geometrical applications; maxima and minima; curvature; areas; volumes; length of curves; mean values; approximate integration; Taylor's and MacLaurin's Series.

Books for reference:—Murray's Differential and Integral Calculus (or similar text books) and, most especially, Lamb's Infinitesimal Calculus, Chaps. I to VIII inclusive, and Arts. 122, 133, 138, and 183 to 187.

ANALYTICAL GEOMETRY:—The analytical treatment of the conic sections.

Books of reference:—C. Smith's Conic Sections, Chaps. I to X inclusive, and Arts. 222 to 229 inclusive.

PHYSICS:—Starling's "Electricity and Magnetism" (Longman's).

An essay, prepared during the summer, must also be submitted giving an account of an investigation performed during the summer, or written on some topic selected by the student such as radio, meteorology, calorimetry, hydroelectric development, etc.

Philosophy.

Plato, Republic (Macmillan) or Hume, Dialogues concerning Natural Religion, in Selections (Scribner's).

Psychology.

The scholarship will be awarded on the basis of work done in Psychology I during the session.

Chemistry.

H. I. Schlesinger, General Chemistry (Longmans Green & Co.).
Subject of Essay:—"Aqueous Solution."

Biology.

Animal Biology.—A good general knowledge of the subject as indicated in L. A. Borradaile's "Manual of Zoology" or M. F. Guyer's "Animal Biology."

Plant Biology.—The Biology of Flowering Plants by Macgregor Skene (London, Sidgwick and Jackson, Ltd., 1924).

The candidate must present:

1. An original collection of 100 species of flowering plants and ferns, properly named and mounted, and

2. An original collection of 40 different Invertebrates and 10 different Vertebrates (excluding birds), properly named, mounted or preserved. The Invertebrates may all belong to any one large group.

MEDALS IN ARTS AND SCIENCE

The following medals are awarded to the graduating students who stand highest in the First Class Honour List of the subjects named, provided the Faculty so recommends to Corporation:—

The Henry Chapman Gold Medal, for Classical Languages and Literature.
The Prince of Wales Gold Medal, for Mental and Moral Philosophy.
The Anne Molson Gold Medal, for Mathematics and Natural Philosophy.
The Shakspere Gold Medal, for English Language and Literature.
The Logan Gold Medal, for Geology, Mineralogy and Palæontology.
The Major Hiram Mills Gold Medal, for Biology.
The Governor-General's Gold Medal, for Modern Languages and Literature.
The Allen Oliver Gold Medal, for Economics and Political Science (founded by Mrs. Frank Oliver, in memory of her son, the late Allen Oliver, B.A., M.C., Lieutenant 26th Battery, C.F.A., who was killed in action at the Somme, on November 18th, 1916).
The Lieutenant-Governor's Silver Medal, in History.

Second Year Medal

The Lieutenant-Governor's Bronze Medal is awarded to the student standing highest in the Second Year in Latin and Mathematics.
In addition to the above, certain medals are offered annually by the Alliance Française, at the discretion of the Department of Romance Languages.

If there is no candidate for any medal, or if none of the candidates fulfil the required conditions, the medal is withheld, and the proceeds of its endowment for the year may be devoted to prizes in the subject for which it was intended.

PRIZES IN ARTS AND SCIENCE

1. The Neil Stewart Hebrew Prize.—An annual prize of $20 is open to all undergraduates and graduates of this University, and also to graduates of any other university who are students of theology in some college affiliated with this University. It is awarded on the result of the sessional examination in Hebrew of the Second Year.

2. Annie Macintosh Prize.—The income of the sum of $1,145 ($425 of which was subscribed by the pupils and friends of the late Miss Annie Macintosh, and $618.97 bequeathed by the late Miss I. G. Macintosh) is offered as a prize or prizes to students of the Royal Victoria College in such subject or for such work as the Faculty may determine.

3. Penhallow Prize.—The income of the sum of $1,100, collected by the Arts Undergraduates' Society in 1911, is awarded annually as a prize in the Department of Botany.

4. Henry Chapman Prize.—This prize, of the value of $15, is given in modern languages (excluding English), or in Hebrew.

5. The Chester Macnaghten Prize, of the value of $25 in books, established by Russell E. Macnaghten, Esq., M.A., in memory of his uncle, is awarded annually, through the University Literary and Debating Society, for reading in English.

6. Prizes in Hebrew.—(*a*) The O. and S. Fitch prize, value $50.00, (b) the A. Pierce prize, value $50.00.

7. The Cherry Prize.—This prize, of the value of $50.00 in books, founded by Wilbur H. Cherry, Arts 1907, and Anna Cherry, Arts 1918, in memory of their father, William Cherry, Med. 1869, and of their brother, William McFie Cherry, Arts 1911, is awarded annually by the Department of Economics and Political Science to the student who at the end of his Second Year is, in the opinion of the Department, deserving of such recognition, it being understood, however, that the prize will not be awarded to any student who already holds a scholarship in his Third Year.

8. Peterson Memorial Prize in Literature.—This prize, of $50.00, founded by W. G. Peterson, M.A., in memory of his father, Sir William Peterson, Principal of McGill University from 1899-1918, is awarded to the undergraduate, or graduate, student who in addition to having achieved distinction in English Literature has given evidence of creative literary ability.

9. The Dora Forsyth Prize.—An annual prize amounting to the interest annually on $1,000 bequeathed by the late Miss Jeanie Forsyth for English Literature. This prize is open to women students only and is awarded to a worthy and needy candidate recommended by the Department of English Language and Literature and approved by the Faculty of Arts and Science.

For scholarships for graduates, see page 378.

THE ROYAL VICTORIA COLLEGE

Founded and Endowed by the late Rt. Hon. Baron Strathcona and Mount Royal

FOUNDATION AND HISTORY

In 1884, during the principalship of the late Sir William Dawson, the late Lord Strathcona, then Mr. Donald A. Smith, gave a sum of $50,000, and, in 1887, a further sum of $70,000, to found the Donalda Endowment for the higher education of women, such education to be conducted in the buildings of McGill College. Under the terms of the Donalda Endowment it was provided that degrees in the Faculty of Arts should be granted to women practically on the same conditions as to men, and that the examinations for such degrees, and the regulations for ranking, for honours, prizes and medals should be identical with those for men.

The ultimate object of Lord Strathcona was the provision of a residential college, and this was realized when the Royal Victoria College was opened in 1899, and formally inaugurated by their Majesties the King and Queen (then Duke and Duchess of York) in 1901.

A Warden and Resident Staff were appointed. With these new and great advantages the instruction provided by the original endowment has been maintained as hitherto, except that certain separate classes are held in the College Building. Women have continued to prepare for degrees in Arts and Science, and in Music.

THE COLLEGE BUILDING

The College building, surrounded by garden and tennis courts, was erected in 1899 at a cost of about $400,000 at the head of Union Avenue, upon land adjacent to the University Campus.

The building provides an academic, administrative and recreational centre for resident and non-resident students. It is situated on Sherbrooke Street, in close proximity to the University buildings, and within easy reach of Mount Royal Park. The building is fire-proof, and much thought and artistic care have been given to furnishing and decoration.

Each student has a separate study-bedroom. The rooms are completely furnished, and no article of furniture need be brought by the students.

Lord Strathcona's intention was to provide residential accommodation for one hundred students. The original building fell far short of that conception, but for some years its resources were sufficient for the demand. Within the last ten years, however, it was found necessary to open two temporary annexes, and finally, in 1930-31, a very fine Extension was built, containing study-bedrooms for sixty-two students and an adequate number of tutors, with reception rooms, infirmary and other features

in accordance with the best modern ideas of dormitory requirements. Thus the Founder's conception has been at last fully realized.

A further programme of building, however, is indicated. The gymnasium of the College has long been outgrown and gymnastic classes and exercises have been held in the assembly hall, also the dormitory buildings, old and new, fail to meet many needs of the ever-growing body of non-resident students. The erection of a Women's Union with gymnasium and swimming pool attached is a scheme which presses for realization.

ADMISSION AND INSTRUCTION

As the College is a college of McGill University, and its students are registered in the Faculty of Arts and Science, they are required to comply with the regulations concerning admission, discipline and instruction made by the University and Faculty (see p. 101) and, in addition, with such regulations as may be made by the Royal Victoria College.

Students are required to enter on the roll book of the College their names, home addresses, and addresses in Montreal. Students not residing with their parents or guardians in Montreal are expected to apply for residence at the College. Those who do not so apply are required to submit their plans for residence to the Warden and to obtain written approval. No sanction can be given to establishments of students in apartments or elsewhere unless such households are presided over by a parent or other responsible person approved by the University. All students entering the University for the first time are required, according to municipal regulations, to present a certificate or other satisfactory evidence of successful vaccination. No student who has an infectious illness or who comes from a house in which there has been an infectious illness within a month, may enter or return to the College without giving notice and obtaining the consent of the Warden. The health of the resident students is in charge of two physicians (Dr. W. F. Hamilton and Dr. C. F. Martin), who may be consulted, free of charge, by arrangement with the Warden. Every student applying for admission to residence is required to fill in an entrance form and to forward a medical certificate on a form provided by the College.

Students of the College have the use of the University Library. There is also a College Library, in charge of a trained Librarian, comprising works of general literature and the chief stated books required for the University curricula. The College Library and Reading Room are open to resident students from 9 a.m. to 11 p.m. and to non-resident students from 9 a.m. to 6 p.m. (on Saturdays from 9 a.m. to 1 p.m.).

The Warden's business hours are 10 a.m. to 1 p.m.; at other times, by special appointment. She will be glad to meet all students before the opening of the session and to discuss their plan of work then or at any other time during the session.

Applications for admission should be addressed to the Warden, Royal Victoria College, Montreal.

BURSARIES AND LOAN FUND

For a statement of the exhibitions and scholarships open to women students of the University, see pages 94 and 171.

In addition to these, four resident bursaries in all, of the value of $200 each, are available for outstanding students of the second, third and fourth years who may be nominated by the Warden. In exceptional cases one or more of these may be awarded to first year students.

There is also a loan fund available for students of the third and fourth years, who have shown by their work in the first two years that they are qualified to proceed.

Students interested in bursaries or loans should consult the Warden before the opening of the session.

TUITION FEES

See page 104.

BOARD AND RESIDENCE

Residence in the College is open to graduate students, undergraduates, and, in exceptional circumstances, to partial students. Application for residence should be made early, as accommodation in the college is limited. *No room is assigned for a shorter period than the University Session.* The charge for board and residence, in addition to the sessional fee for tuition, is $450 ($175 for room, $275 for board). This may be paid in two equal instalments of $225 each, in October and February. Room rent includes all expenses of heat and light. These charges cover the University session from the first day of registration to the close of the examination (for members of the graduating class, to the day after Convocation). A deposit fee of $10.00 is required when a room is reserved, and is deducted from the charges for the first term.

Students entering earlier or remaining later for purposes of instruction, practice teaching, or examination, and students arriving in September for practice teaching, supplemental or matriculation examinations, are charged an additional fee of $1.50 a day. No additional fee is charged to students returning earlier than September 27th, for scholarship examinations.

Notice of withdrawal should be given at the close of the session, or not later than September 1st. Rooms are not reserved for students whose standing at the end of the Session does not entitle them to proceed to the next year. (*See page 110.*)

PHYSICAL EDUCATION

See page 169.

SCHOOL OF COMMERCE

FEES

Tuition Fees.

1. Annual undergraduate fee for British students..... $200.00
   By instalments: Each of two instalments..... 102.50
   Annual undergraduate fee for Non-British students..... 250.00
   By instalments: Each of two instalments..... 127.50
2. *Limited Undergraduate Students:*—
   In the First Year, per course (British)..... 35.00
   In other years, per course (British students)..... 45.00
3. *Partial Students:*—
   Per hour of instruction per week for a full course (British students)..... 15.00
   For the use of the Library..... 4.00
   The total partial fee will not exceed the full undergraduate fee.
4. Non-British Limited Undergraduates and Partial Students pay $10 a course or half-course more than the British fee.
5. *Laboratory Courses:*—
   Per hour of instruction per week (British students).... $ 7.00
   Per hour of instruction per week (Non-British students). 8.00
   Maximum for any one course for British students..... 35.00
   Maximum for any one course for Non-British students 40.00
   Maximum for any one British student..... 60.00
   Maximum for any one Non-British student..... 70.00

Other University Fees

6. Registration (British) ..... $ 5.00
   Registration (Non-British) 10.00
   The Registration Fee is paid only once—when the student first enters the University.
   Late registration, after September 30th..... 5.00
   Late registration, after October 7th..... 10.00
   Annual Health Service (see page 100)..... 5.00
   Graduation (British)..... 10.00
   Graduation (Non-British)..... 15.00
   Duplicate Graduation Diploma..... 10.00
   Conferring degree *in absentia*..... 10.00
   Certified copy of student's record..... 1.00
   Fine for late medical examination (see page 100).....$5.00 or $10.00
   Supplemental Examinations, each paper..... 10.00
   Receipts for supplementals must be shown to the Dean's Office before the examination.
   Evaluation and registration of certificate exempting from the whole or part of the McGill Junior Matriculation certificate 2.00

7. *Caution Money:*—Every student is required to make a deposit of $10.00 as Caution Money to cover damage done to furniture, apparatus, books, etc. This amount, less deductions, is returned at the close of the session.

Students' Activities

8. A sessional fee of $17.00 is payable by all men undergraduates and $12.00 by all women undergraduates, for the support of student organizations, for the rinks and tennis courts, and for admission to all home games under the control of the Athletic Board.

9. Partial students pay $3.00 for athletics and athletic grounds. If they desire such of the privileges of Section 8 as are open to them, an additional $9.50 is charged for men students and $7.50 for women students.

General Regulations

10. Fees are due and payable at the Bursar's Office between the hours of 9 a.m. and 1 p.m. on the following dates:—

    Thursday, October 4th
    Friday, October 5th
    Monday, October 8th

    or if desired fees may be remitted by mail before the above dates.

    The second instalment of tuition fees is due and payable on February 1st. An additional $2.00 is charged for payment after the specified dates.

11. Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of Regulation 10.

12. Any student who fails to pay his fees within a month of the prescribed date is suspended until all the fees due have been paid.

13. All fees are payable in Canadian currency.

14. Domicile will in general determine whether a student pays the British or the Non-British fees. A student who is uncertain which rate he will be required to pay should consult the Registrar.

FEES IN THE FOUR-YEAR COURSE

(See Pages 201 to 206)

Fees in the special Four-Year Course for students of the Accountancy Associations of the Province of Quebec:—

Accounting and Auditing (Intermediate)	$30.00
" " " (Final)	35.00
Commercial Law (Intermediate)	30.00
" " (Final)	30.00
Mathematics (Intermediate)	20.00
" (Actuarial Science)	20.00
Economics (Final)	15.00
Final Accounting and Auditing Examination Fee (See page 206.)	25.00

Supplemental Courses

Elements of Accounting	$25.00
Business Finance and Accounting	15.00
Applied Theory of Accounting and Auditing	25.00

Examinations

Students who reside outside of Montreal and district, and who wish to take the examinations, but who are not qualified by attendance at the course, pay an examination fee, equivalent to half the regular fee for the course, viz.:—

Accountancy	$15.00
Commercial Law	15.00
Mathematics	10.00
Economics	7.50

Fees For Re-examination

Accounting and Auditing (Intermediate) Elements of Accounting	$5.00
" " " Partnership and manufacturing Accounts	5.00
" " " Auditing	5.00
Commercial Law (Intermediate)	15.00
Commercial Law (Final)	15.00
Mathematics (Intermediate)	5.00
Mathematics (Actuarial Science)	5.00
Economics (Final)	5.00

Evaluation and Registration of Certificates

Evaluation and registration of certificate exempting from the whole or part of the McGill Junior Matriculation Certificate	$2.00

MEDALS

A silver medal and a bronze medal have been offered to the School of Commerce by his Honour, the Lieutenant-Governor of the Province of Quebec, the silver medal for the student with the best average, throughout his four years of study, in Mathematics, Accountancy, Business Organization and Commercial Law; the bronze medal for the one who has the best average, throughout the four years of study, in the French and Spanish languages. The Alliance Française Silver Medal is awarded to the student with the best average throughout the four years of study in the French language.

SCHOLARSHIPS AND PRIZES

The F. W. Sharp Prize in Accountancy and Mathematics will be awarded at the end of the Fourth Year to the best student in Accountancy, Business Organization and Mathematics. Value $50.00.

The Royal Bank Fellowship in Economics, value $1,000; open to candidates from all Canadian universities.

The Society of Chartered Accountants offers a share in its War Memorial prize to the Commerce Graduate who obtains the highest percentage at the final examination for the diploma of C.A.

Joseph H. Jacobs Prize.—The sum of $650.00 was received from the executors of the estate of the late Joseph H. Jacobs. The annual revenue from this bequest will be awarded as a prize in the School of Commerce for Second Year Accounting.

His Excellency, Señor Don Ramón Pérez de Ayala, Spanish Ambassador at London, informs us that he has recommended his government to reinstate the annual book prize granted under the monarchy to the Spanish Department of McGill University. In the meantime Señor Pérez de Ayala has himself kindly offered a prize of books to the best student in Spanish of our graduating class of this year.

LOAN FUNDS

Commercial Society Loan Fund

A fund has been established by the Commercial Society to be known as "The Commercial Society Loan Fund," for the purpose of aiding each year one or more students of the School of Commerce who are entering their fourth year, to complete their course. Loans from this Fund are repayable within two years after graduation. Applications should be made to the Director of the School of Commerce.

University Loan Fund

A Student Loan Fund has been established by the University to assist needy students in the upper years of all Faculties. Loans are made only to students with good academic standing.

For further particulars students should consult the Dean of the Faculty.

COURSES FOR THE DEGREE OF BACHELOR OF COMMERCE

The courses extend over four years, and students who successfully complete them are granted the Degree of Bachelor of Commerce (B. Com.).

The curriculum, which may undergo modification before the beginning of the session, is now as follows:—

FIRST YEAR

Obligatory Subjects

English 1 and 2.

Mathematics 1.

French, or **Spanish**, or **German**.

Theory and Practice of Accounts.

Optional Subjects (two to be chosen)

Latin, or **Greek**.

German, or **Spanish**, or **French**.

Physics, or **Botany**, or **Zoology**, or **Chemistry** 1B.

History 1.

N.B.—Students intending to take Mathematics 8 in the Fourth Year must obtain 65 per cent in the Mathematics of the First Year.

SECOND YEAR

Obligatory Subjects

French 12, **or Spanish**, or **German** (continued).

Theory and Practice of Accounts.

Optional Subjects (three to be chosen)

Economics 21.

English.

Mathematics 42.

Mathematics 3 or 4.

Psychology.

German, or **Spanish**, or **French** 12 (continued).

Chemistry.

N.B.—(*a*) Students proceeding to Mathematics 8 in the Fourth Year must pass in Mathematics 42, and in Mathematics 3 or 4, with high marks.

(*b*) Mathematics 42 is a prerequisite to Third and Fourth Year Accountancy and to Mathematics 43.

(*c*) Economics 21 is necessary for students proceeding to the diploma of Licentiate in Accountancy of McGill University.

THIRD YEAR

Obligatory Subjects

French 13, or **Spanish** or **German** (continued for students who have taken one of these subjects during their First and Second Years).

Optional Subjects (four 3-hour courses, or their equivalent, to be chosen).

Theory and Practice of Accounts.

Business Organization and Scientific Management.

Vocational and Industrial Psychology 14 (half course).

Commercial Law.

Economics 22.

Economics 24 and 25.

English.

Mathematics 3 or 4.

Mathematics 43.

Spanish, or **French** or **German** (continued).

N.B.—(*a*) Only half credit is given to a second modern foreign language begun after the Second Year. Students should further note that time-table complications may make it impossible to begin a second language in any Year except the First.

(*b*) Mathematics, 3, 4, and 42 must be taken by students proceeding to Mathematics 8 in the Fourth Year. High standing is required.

(*c*) First and Second Year Accountancy are prerequisites to Accountancy in this Year.

(*d*) Economics 21 is a prerequisite to all the other courses in this Department.

(*e*) Second Year Psychology is a prerequisite to Vocational and Industrial Psychology.

FOURTH YEAR

(Five 3-hour courses, or their equivalent, to be taken.)

French 14 (continued).

Spanish (continued).

Theory and Practice of Accounts.

Business Organization and Scientific Management, if not taken in Third Year.

Mathematics 8 or any other approved **Mathematics** course not previously taken.

Commercial Law.

Marine Insurance and Transportation (half course).

Mathematics 43.

Economics 27.

Economics 28 and 29.

English.

N.B.—(*a*) Third Year Accountancy, Mathematics 42, and Third year Commercial Law are all prerequisites to Fourth Year Accountancy.

(*b*) Economics 21 is prerequisite to all the courses in Economics in the Fourth Year.

(*c*) The Mathematical courses prescribed in the first three years are all prerequisites to Mathematics 8 in the Fourth Year.

(*d*) Mathematics 43 and English and Business Organization and Scientific Management can be taken in either the Third or the Fourth Year.

(*e*) Candidates proceeding to the diploma of C.A. must take the Commercial Law course in both Third and Fourth Years, and also Business Organization and Scientific Management.

Graduates in Commerce, who during their course have taken the requisite programme in Economics, may enter the Graduate School as candidates for the M.Com. degree in Economics and Political Science. The requisite programme in Economics consists of courses 21, 22 and 27 with 24, 25, 28 and 29.

Students are responsible for seeing that courses chosen do not conflict as regards hours of lectures.

DIPLOMA OF LICENTIATE IN ACCOUNTANCY

To obtain the Diploma of Licentiate in Accountancy, which carries with it right of entrance into the Society of Chartered Accountants of the Province of Quebec, or into the Institute of Accountants and Auditors of the Province of Quebec, or into the Corporation of Public Accountants of the Province of Quebec, the student must satisfy the following conditions:—

(*a*) He must pass all the examinations required for, and leading up to, the Degree of Bachelor of Commerce.

(*b*) He must pursue the course of studies prescribed in this programme for Accountancy students.

(*c*) He must spend at least one year, subsequent to his obtaining the Degree of Bachelor of Commerce, in the office of a practising accountant.

(*d*) He must have attended as an undergraduate, Economics Course No. 21, the courses in Mathematics 42 and 43 given in the Second, Third, and Fourth Years, and have obtained at least 50 per cent of the marks obtainable at the examination in this subject. Failing this, he is required to take the course in Elementary Actuarial Science described at the end of this Announcement, in the description of "Four-year course for students of the Accountancy Association of the Province of Quebec." In Commercial Law of the Third and Fourth Years all Commerce students, including those proceeding to the diploma of Licentiate in Accountancy, must obtain a 55% average in all sections of the Law examinations and not less than 50% in each section.

(*e*) He must attend the post-graduate course in "Final" Accountancy and Auditing.

(*f*) He must then pass successfully the final examination in Accounting and Auditing before a board of six examiners composed as follows: the Director-Secretary of the School of Commerce, two Professors of McGill University, a member of the Society of Chartered Accountants of the Province of Quebec, a member of the Institute of Accountants and Auditors of the Province of Quebec, and a member of the Corporation of Public Accountants of the Province of Quebec; or before a board of five examiners should one of the Associations mentioned fail to nominate its delegate, or of four examiners should two do so, or of three, if all.

McGill University has entered into an agreement with the Society of Chartered Accountants of the Province of Quebec, with the Institute of Accountants and Auditors of the Province of Quebec, and with the Corporation of Public Accountants of the Province of Quebec, whereby the candidates of these Associations (non-graduates) take the final examinations conjointly with the University candidates. The papers set are the same for both classes of candidates, but the University retains its own Board of Examiners according to the provisions laid down in Bill No. 21. (See pages 201 to 206 for the description of "Four-Year Course" for students of the Accountancy Association of the Province of Quebec.)

The Society of Chartered Accountants of the Province of Quebec has agreed to accept apprenticeship in an Accountant's Office anywhere in Canada.

Graduates must exert themselves to find an Accountant's Office willing to accept them during their period of apprenticeship. The University has no obligation in the matter.

The examination in Final Auditing and Accounting is held in the month of May each year.

The fee for the examination in Final Auditing and Accounting is $25.00. Previous examination papers may be obtained at the Bursar's Office for 25 cents per set.

N.B.—For the benefit of graduates living in the West of Canada, centres for the final examination in Accounting and Auditing may be established in Winnipeg and Vancouver. Those wishing to sit at these centres should give notice before April 1st to the Registrar of McGill University. Such notice should be accompanied by the special fee of $50.00. A centre may also be established at Quebec City.

COURSES OF LECTURES

THE THEORY AND PRACTICE OF ACCOUNTS

The accountancy work has been carefully graduated and correlated and is intended not merely to fulfil its part in a general scientific business training, but also to prepare and assist those who purpose taking up accountancy as a profession.

No previous knowledge of bookkeeping is assumed or required; the subject is developed rapidly along the lines that prevail in practice.

FIRST YEAR

The principle of debit and credit; books of original record; documents employed; sales, purchases, consignments; returns inwards and returns outwards; subsidiary ledgers, and controlling accounts to represent them in the general ledger; special forms of cash-book required to facilitate such control; notes and drafts, discounting and renewal of notes; single entry; revenue and capital expenditure; trading, and profit and loss statements and balance sheet; single proprietorships.

The student is required to sift and classify his detail, write up all the books of record and account, and focus results of the various transactions into the final statements.

Mon., Wed., Fri., at 12.....Professor Thompson.

SECOND YEAR

Special problems that occur in connection with partnerships: The deed of partnership; rights of partners; effects of dissolution; methods of distributing profits; the bringing in of other partners; goodwill; transformation of a firm into a corporation; departmental accounts; organization and internal check; distribution of expenses over departments; comparison of results shown with those of other periods; chain-stores; manufacturing accounts; the elements of cost accounting; building up C.I.F. and other quotations; the voucher-register, depreciation and methods of providing for it; reserves; elementary company finance.

Mon., Wed., Fri., at 9.....Mr. Patton.

THIRD YEAR

(*a*) Theory of the Balance Sheet: Its form and elements; capital and revenue receipts and expenditures; valuation of fixed and current assets and liabilities; wasting assets; capital and revenue profits and losses; comparative balance sheets and statements and deductions to be drawn from them; surplus statements.

(*b*) Corporation Finance: Interior organization of the corporation; stock and bond issues; initial operations; earnings and their disposition; secret reserves; betterments; surplus; control exercised by directors and majority stock-holders; its abuse; different bases of capitalization; bonus stock; treasury stock; watered stock; discount and premium on bond issues; sinking funds.

(*c*) Cost Accounting: General considerations; advantages of cost systems; different methods of distributing overhead expense; comparison of costing estimates with general books; total cost and selling-price.

(*d*) Auditing: Elementary considerations; audit-programme for simple trading concern.

(*e*) Budgeting, and budgetary control.

Tues., Thurs., Sat., at 10 ..... Professor Thompson.

FOURTH YEAR

(Intended especially for students proceeding to a Diploma in Accountancy, although this course may be taken by all students who have reached the required standard.)

Cost Accounting: Control of stores, the running inventory; remuneration of labour; leakage in factories; forms used in "job and process" costing systems; connection of cost records with general accounts.

Export Houses and Branches: Accounts of head office and of branches; goods invoiced at cost, intermediate, and selling price; chain-stores; foreign exchange.

Consolidations, Amalgamations, Mergers: Consolidated statements and balance-sheets; holding corporations; control of stock and bond issues; minority holdings; advances to subsidiaries; intra-combine profits and liabilities; initial surplus and goodwill.

Insolvency Accounts: Statement of affairs; deficiency statement; realization and liquidation account.

Auditing: Considerations applicable to all undertakings, and special considerations applicable to particular concerns; auditors' rights and duties; audit-certificates.

Trustees' Accounts: Executorships and administratorships; accrued claims and income, corpus and income; division of an estate.

Income Tax: General considerations; taxable and untaxable income. Instalment Sales.

Mon., Wed., Fri., at 11.....Professor Thompson.

Text-Books:—120 Graduated Exercises in Book-keeping, etc., and Key, Thompson, Pitman, Toronto (First and Second Years). Accounting, Smails and Walker, Ryerson Press, Toronto (First, Second and Third Years), Limited Companies and their Accounts, Ferguson & Crocombe, Commercial Text Book Co., Toronto (Third Year), Accounting, Kester, Ronald Press, New York. Vol. 1 (Second and Third Years). Vol. 2 (Fourth Year). Cost Accounting (Third and Fourth Years), Lawrence, Prentice-Hall, New York.

BUSINESS ORGANIZATION AND SCIENTIFIC MANAGEMENT

Commercial Organization: Origin, growth and classification of business organization; tests of efficiency in business organizations. Social and economic and legal aspects in the following types of organization: single proprietorship; partnership; joint stock company, public and private corporations; rights, duties, and liabilities of directors, officers, shareholders, and debenture-holders; agreements, pools, kartells, simple business trusts; combination trusts; securities-holding organization; amalgamation, and mergers; launching of an industrial enterprise; planning of a factory; purchase and control of raw materials; labour and its control; wage systems, welfare work; reorganization of a factory; committee system; location of industries; principles and types of management; departmental relations; standardization and equipment; standardized operations; adequate records; efficiency rewards.

Tues., Thurs., Sat., at 11.....Professor Thompson.

Text-books:—Business Ownership Organization, Stockder, Henry Holt, New York. Administration of Industrial Enterprises, Jones, Longmans Green, Toronto.

CHEMISTRY

The course includes a study of the more important elements and compounds, general laws and principles and fundamental theories; with as many industrial applications as time will allow. The lectures are illustrated and the general intention of the course is to give a training in the principles of the science, so that chemical problems arising in connection with future work and study may be intelligently considered.

Text-book:—McPherson and Henderson, "A Course in General Chemistry."

ECONOMICS AND POLITICAL SCIENCE

SECOND YEAR

21. Elements of Political Economy.

Tues., Thurs., Sat., at 9.....Professor Culliton.

THIRD YEAR

22. Economic Distribution.

Rents, wages, interest, profits, population, socialism and social reforms.

Mon., Wed., Fri., at 11.....Professor Day.

23. Elements of Political Science and Comparative National Government and Taxation.

General principles of government, and national government and taxation in Great Britain and the United States.

First term; Mon., Wed., Fri., at 12.....Professor Leacock.
(Not given in 1934-35)

24. Government of Canada.

Federal, provincial and municipal government and systems of taxation.

Second term .....Mr. Forsey.

Qualified Commerce students may, with the consent of the Department, take the corresponding Arts and Science Course No. 8.

25. International Trade and Trade Policy.

First term (Not given in 1934-35).....Professor Day.

Qualified Commerce students may, with the consent of the Department, take the corresponding Arts and Science Course No. 11.

26. Social and Industrial Legislation.

A study of legislation to include factory acts, labour legislation, pensions, insurance, etc.

Second term (Not given in 1934-35)..... Mr. Forsey.

Qualified Commerce students may, with the consent of the Department, take the corresponding Arts and Science Course No. 13.

FOURTH YEAR

27. Economic Theory of Exchange.

Value, price, money, credit, and banking,

Tues., Thurs., Sat., at 10.....Professor Day.

28. Canada—Economic Problems.

First term; Mon., Wed., Fri., at 10.....Mr. Forsey.

29. Canada—Economic Problems.

Second term; Mon., Wed., Fri., at 10.....Mr. Forsey.

ENGLISH

The courses in English give a general training in Composition and require a broad study of English Literature with a large amount of reading.

FIRST YEAR

English 1, English Composition one hour a week. Weekly individual conferences with the instructor are required.

English 2, English Literature, as prescribed for students in the Faculty of Arts and Science—a general outline course from Chaucer to Kipling. Readings and fortnightly individual conferences. Two hours a week. Professor Macmillan and an assistant.

SECOND YEAR

English Literature: Choice of Second Year Arts and Science courses.

THIRD OR FOURTH YEAR

A choice of any General Arts and Science courses in English in these Years.

FRENCH

The study of French is first approached from the literary side, both in order to increase its value to the student as an element of culture and in order to afford a sufficient background for the commercial studies which come later. These commercial studies begin in the Second Year, and comprise about half of the work done in that Year. In the Third Year work is almost entirely of a commercial character.

The following is a synopsis of the work:—

FIRST YEAR

French Language and Literature (Arts and Science 1).

Section A, Mon., Wed., Fri., at 9; Section B, Mon., Wed., Fri., at 11.....Professors du Roure, Villard, Furness, d'Hauteserve, and Mlle. Henry.

Texts:—(*a*) General Course.—Green and Ford, French Composition (Oxford); Lavisse, Histoire de France, Cours moyens; Eugene, Labiche, La poudre aux yeux; Maupassant, Contes Choisis; A. Dumas, Les Trois Mousquetaires (Heath); Hugo, Gavroche (Oxford). (*b*) Advanced Course.—Buffum, French Short Stories (Holt); Racine, Andromaque (Ginn); Jules Romain, Knock ou le Triomphe de la médicine (The Century Co.); Molière, Les Précieuses Ridicules (Heath); Moraud, French Composition (Oxford).

Students may take either the General Course or the Advanced Course.

SECOND YEAR

French Commercial Course (Arts and Science 12).

Mon., Wed., Fri., at 12.....Professor Villard.

Texts:—Badaire: Précis de Littérature Française (Heath); Sand, La Mare au diable (Ginn); Daudet, Lettres de mon moulin (Oxford); Carroué, Manuel de correspondance commerciale; Renault, Lectures commerciales (Oxford).

Readings:—Augier, Le Gendre de M. Poirier; Mérimée, Contes et nouvelles (Oxford).

THIRD YEAR

French Commercial Course (Arts and Science 13).

Mon., Wed., Fri., at 10.....Professor Villard.

Texts:—Badaire: Précis de Littérature Française (Heath), Montesquieu, Lettres persanes (Macmillan); T. B. Rudmose-Brown, French Short Stories (Oxford); Chateaubriand, Atala (Heath); Janau, Commercial correspondence (Longmans); Daniel Massé, Initiation économique (Hachette); Févre, Nouvelles leçons de géographie (Alcan).

Readings:—Jago, La France qui travaille (Heath); Mérimée, Colomba.

FOURTH YEAR

French Commercial Course (Arts and Science 14).

Mon., Wed., Fri., at 9.....Professor Villard.

Texts:—Clerget, Manuel d'économie commerciale; Gide, Principes d'économie politique; Lanson et Desseignet, La France et sa civilisation (Holt); Fèvre, Nouvelles leçons de géographie (deuxième année) Alcan; Edouard Montpetit; Sous le signe de l'or.

Readings:—Roe, La France laborieuse (Nelson); Calvert, The French newspaper (Oxford).

THIRD AND FOURTH YEARS

During these Years one hour a week is devoted to a study of modern French literature. The remaining hours are taken up with commercial work, which may be conveniently divided into:—

(*a*) Commercial correspondence, study of trade reports, etc., in continuation of work begun in the Second Year; and (*b*) colloquial French.

(The text-book used for this part is P. Clerget, Manuel d'économie commerciale.)

GERMAN

The study of German extends through the First and Second Years.

The Arts and Science courses in German are available to Commercial students.

Provision is also made for instruction in commercial correspondence.

LAW

THIRD YEAR

(1) Law of Contracts.
(2) Agency, Partnership and Company Formation.
(3) Negotiable Instruments and Banking Law.

FOURTH YEAR

(1) Company Law.
(2) Sale of Goods.
(3) Trustees and Executors.
(4) Bankruptcy and Winding-up Acts.

MATHEMATICS

1. Mathematics (For First Year students).

Geometry and Trigonometry. Three hours, first term.
Algebra. Three hours, second term.....Professor Tate.

Text-books:—Hall, H.S., School Algebra, Parts I and II; Hall and Knight, Plane Trigonometry (Revised Canadian Edition); Hall and Stevens, School Geometry, Parts I to VI.

42. Mathematics (For Second Year students).

Theory of Interest and Elementary Statistics.

Tues., Thur., Sat., at 10.....Professor Tate.

43. Mathematics (For Third Year students).

Elements of Coordinate Geometry and Calculus with applications to more advanced statistics.

Tues., Thurs., Sat., at 9.....Professor Tate.

The following Arts and Science courses in Mathematics are also open to qualified students in the School of Commerce during the Second, Third and Fourth Years:—

3. Calculus.

Three hours during the session, Mon., Wed., Fri., at 10.

Professor Sullivan.

4. Algebra and Analytical Geometry.

Three hours during the session, Tue., Thur., Sat., at 12.

Dr. Ross.

8. Finite Differences and Theory of Equations.

Three hours during session.....Professor Tate.

Text-books:—H. Freeman, Actuarial Mathematics; Burnside and Panton, Theory of Equations.

(*a*) Courses 3, 4 and 8 are mainly intended for students who wish to enter the Actuarial profession.

(*b*) Course 42 is a prerequisite for those who wish to take Third and Fourth Year Accountancy.

(*c*) Courses 3, 4, 42 and 43 are prerequisite for 8. High standing in these is required before proceeding to Course 8.

PHYSICS

A special course of General Physics for Commerce students including Elementary Mechanics, Heat, Light, Sound and Electricity. Two hours lectures and two hours laboratory work a week throughout the session. Lecturer: Prof. H. E. Reilley. The laboratory work is under the direction of Professor D. A. Keys.

Text-book:—Whitman's Household Physics.

SPANISH

FIRST YEAR

The work in the First Year consists of:—

Grammar, reading and dictation, oral exercises and composition.

Text-books:—Coester's Spanish Grammar; Jiménez's "Platero y yo"; Antologia de cuentos españoles (Heath & Co.); Cool's Spanish Composition; Historia de España (Romera-Navarro ed., Heath & Co.).

Tues., Thurs., Sat., at 10.....Professor Sugars.

For dictation and additional practice in conversation and reading all beginners are required to attend the class given at 7.15 p.m. on Mondays and Thursdays during the first term.

SECOND YEAR

The work, as before, consists of grammar, practice in reading and speaking, dictation and composition. At the same time the student is given a further introduction to Spanish literature.

Text-books:—La Flor de la Vida, Alvarez Quintero, (Heath & Co.); El principe que lo aprendió todo en los libros, Benavente, (World Book Co., N.Y.); La rana viajera, Julio Camba, (Heath & Co.); Nociones de Literatura Castellana (Romera de Terreros); Cool's Spanish Composition; Temas españoles (Crawford ed. Henry Holt & Co.);

Tues., Thurs., Sat., at 11 ..... Professor Sugars.

THIRD AND FOURTH YEARS

Alternate Courses

Third and Fourth Years together.

(*a*) given in 1935–36.
A study of 18th century literature (fuller details to be given in next Announcement).

(*b*) given in 1934–35.
Literature of the 19th century, with special reference to prose writers.

Text-books:—Pereda, Pedro Sánchez (Ginn & Co.); Valdés, José (Heath & Co.); Blasco Ibañez, La Barraca; Romera-Navarro's "Historia de la literatura española," (Heath & Co.); Romera-Navarro's "Manual del Comercio" (Henry Holt & Co.); Costello y Montgomery's "Advanced Spanish Composition," (Johnson Publishing Co.).

Mon., Wed., Fri., at 9 ..... Professor Sugars.

MARINE INSURANCE AND TRANSPORTATION

Administration and organization of inland and ocean transportation, including the early history of transportation; meaning and importance of railroad statistics; transport and storage of commodities of a perishable and special character; transportation law; marine insurance.

Thurs., at 12 ..... Mr. McCulloch.

FOUR-YEAR COURSE

(For Students of the Accountancy Associations of the Province of Quebec)

For fees see page 185.

INTERMEDIATE ACCOUNTING AND AUDITING

Twenty-eight lectures, of two hours each, given on Wednesdays, from 6.00 to 8.00 p.m., commencing October 3rd, 1934.

The work covers matter outlined for the first two years of the regular Commerce course, with the addition of elementary auditing.

Lecturer.....Professor R. R. Thompson.

INTERMEDIATE MATHEMATICS

Twenty lectures of 2 hours each, given on Fridays, from 6 to 8 p.m., commencing October 5th, 1934.

Arithmetic and geometric progressions; indices; logarithms; permutations and combinations; binomial theorem; theory of quadratic equations; approximations; graphs; simple and compound interest; annuities and sinking funds.

Text-books:—Hall, H. S., School Algebra, Parts I and II; H. Tate, Interest, Annuities and Bonds (Chaps. I, III).

Lecturer.....Professor Herbert Tate.

INTERMEDIATE COMMERCIAL LAW

Forty-eight lectures, of 1½ hours each, given on Tuesdays and Thursdays, from 5.30 to 7 p.m., commencing October 2nd, 1934. Of these lectures, 16 are devoted to the Law of Contracts, 16 to Negotiable Instruments, and 16 to Agency and Partnerships.

The matter covered may be outlined as follows:—

Law of Contracts

Sphere of Dominion and Provincial laws; persons (minors, interdicts, married women); distribution of property; essentials of contract (consent, capacity, object, consideration); interpretation; effects; breach.

Negotiable Instruments and Banking

Characteristics of negotiability; Bills of Exchange Act; form, acceptance; delivery; capacity and authority of parties; consideration; negotiation; endorsements; presentment; dishonour; protest; liabilities of parties; discharge; lost instruments; forgeries or unauthorized signatures; alterations; bills in a set; cheques: promissory notes.

Bank Act.—Organization of a bank; rights and duties of directors and shareholders; auditors; powers of a bank with respect to loans; security; deposits and note issue.

Agency and Partnerships

General provisions covering mandate; obligation of mandatory towards mandator, and towards third parties; obligations of the mandator towards the mandatory and towards third persons; résumé of law covering advocates, attorneys, notaries, brokers, factors, etc.; termination of mandate.

General provisions relating to partnership; obligations and rights of partners amongst themselves and towards third parties; different kinds of partnership, particular partnerships, general partnerships, anonymous partnerships, and limited partnerships; dissolution of a partnership, and the effects of such dissolution.

Lecturers .....Mr. A. I. Smith and Mr. W. C. Nicholson.

FINAL ACCOUNTING AND AUDITING

This course consists of (*a*) general series comprising 32 lectures of 1½ hours each, and (*b*) a special series comprising 14 lectures of 1½ hours each. Mondays and Thursdays, from 6 to 7.30 p.m., beginning October 1st, 1934.

General Series

This portion covers the following subject matter:—

Capital, its issue and recording in the books of a company; bonds and bond discount and premiums; current and fixed assets and liabilities; capital and revenue profits and losses; criticism of operating statements and balance sheets for successive periods; cost accounting; partnership; instalment sales; branch accounts; holding companies and subsidiaries; reorganizations; mergers and amalgamations; executorship and trustee accounts; bankruptcy; auditing generally.

Lecturers: Professor R. R. Thompson and P. F. Seymour.

Special Series

This series includes special consideration of the following subjects:—

Income tax; insurance and banking; working papers; investigations; brokers' accounts, etc.

Lecturers: Messrs. G. Hunter, H. D. Clapperton, D. Young, A. A. Gowan, P. F. Seymour, and T. P. Jones.

FINAL MATHEMATICS

Elements of Actuarial Science

Twenty lectures, of 2 hours each, on Wednesdays, from 6 to 8 p.m., beginning October 3rd, 1934.

The course embraces:—

The amortization schedule; straight-term, serial and annuity bonds; depreciation; building and loan associations. Elementary Insurance. Elementary Statistics.

Lecturer.....Professor Herbert Tate.

Text-books:—H. Tate, Interest, Annuities and Bonds (chapters I-VII); J. B. Maclean Life Insurance; S. Huebner, Life Insurance; Rhodes, Elementary Statistics (Routledge, London).

FINAL COMMERCIAL LAW

Forty-four lectures, of 1½ hours each, given on Tuesdays and Thursdays, from 5.30 to 7 p.m., beginning October 2nd, 1934. Of these lectures, 14 are devoted to the Sale of Goods; 14 to Company Law; 8 to Trustees and Executors, and 8 to Bankruptcy and Winding-up.

Sale of Goods: General provisions regarding sales; capacity to buy and sell; things which may be sold; obligations of the seller; delivery; warranty against eviction and latent defects; obligations of the buyer; dissolution and annulment of contract of sale; right of redemption; annulment on account of lesion; sales by licitation; sales by auction; bulk sales; forced sales and giving in payment.

Company Law: The Companies' Act (Dominion) and its amendments; the Quebec Companies' Act, 1920, and its amendments. (In these Acts, Part 1 is principally dealt with. The statutory provisions are explained and illustrated by citation and discussion of jurisprudence.)

Trustees and Executors: Provisions of the Civil Code dealing with persons administering funds belonging to others; status of married women; law applying to tutors and curators; law relating to succession.

Bankruptcy and Winding-up: Provisions of the Bankruptcy Act; the Dominion Winding-up Act; law of the Province of Quebec relating to the voluntary winding-up of companies. (The statutory provisions are explained and illustrated by citation and discussion of jurisprudence.)

Lecturers: Messrs. J. A. Mathewson, W. C. Nicholson, and K. A. Wilson.

ECONOMICS

Course of 20 lectures, of 1 hour each, on Elementary Economics. On Fridays, from 6 to 7 p.m., beginning October 5th, 1934.

Lecturer.....Professor J. P. Day.

Text-book:—Clay, Economics for the General Reader (Macmillan).

N.B.—Hours and date of lectures are always subject to change for sufficient cause.

SUPPLEMENTAL COURSES

ELEMENTS OF ACCOUNTING

Twenty-five lectures of two hours each, given on Mondays, from 6 to 8 p.m., commencing October 15th, 1934.

The work covers matter outlined for the first year of the regular Commerce course, and is intended for less experienced students. Those who pass in this course may join the Intermediate course of the succeeding session at the commencement of the Second Term.

Lecturer.....Professor R. R. Thompson.

BUSINESS FINANCE AND ACCOUNTING

Twenty-five lectures of one hour each, given on Fridays, from 7 to 8 p.m., commencing October 19th, 1934.

This course comes between the Intermediate and Final Accounting and Auditing, and is valuable to students who wish to keep in touch with Accounting problems. It covers the formation, organization, finance and accounting of incorporated companies, different classes of share capital and their issue, bonds at discount and premium, valuation of assets, capital and revenue profits and losses, contracts, criticism of operating accounts and balance sheets, branches, cost accounts.

Lecturer.....Mr. D. R. Patton.

APPLIED THEORY OF ACCOUNTING AND AUDITING

Twenty lectures of two hours each, given on Wednesdays, from 6 to 8 p.m., commencing October 17th, 1934.

This course runs parallel to the Final Accounting and Auditing course, covering the same ground, and supplementing it with numerous problems and examples.

Lecturer.....Mr. P. F. Seymour.

ADVANCED COST ACCOUNTING

Thirty lectures of one hour each, given on Tuesdays, from 6.30 to 7.30 p.m., commencing October 2nd, 1934.

This course is designed for those having an elementary knowledge of Cost Accounting principles and procedure. It considers estimating cost systems, budgetary control, Standard Costs, Interest on Investment, Uniform Cost Methods, Building up a Cost Sheet, Debatable Methods of Procedure, Defective and Spoiled Work, By-Products, Idle and Non-Productive Time, Weighted Averages, Relative Values, Statistical and Graphical Cost Reports, Statements.

It is supplemented with numerous problems and practical work.

Lecturer, Mr. D. R. Patton Fee $20.00

INDUSTRIAL MANAGEMENT

Thirty lectures of one hour each, given on Tuesdays, from 7.30 to 8.30 p.m., commencing October 2nd, 1934.

This course covers legal and internal forms of organization; location, construction and layout of plant; executive functions; production control methods; wage and bonus systems; personnel management; purchase and control of materials; sale and shipment of finished goods.

Lecturer, Mr. G. I. Mackenzie. Fee $20.00

The examinations in the afore-mentioned subjects are held at the end of the course. In order to pass, a student must obtain 60 per cent of the marks assigned to Economics and to Mathematics, and an average of 60 per cent in Accountancy and Auditing, with not less than 55 per cent in either of them. In Commercial Law a student must get an average of 55% on all the portions of each course, and not less than 50% in each portion or section. A student, therefore, who fails either to get this average of 55% in all portions, or this minimum of 50% in any one portion must repeat the whole examination. A student who fails may repeat the course and the examination on payment of the full fee. This is necessary in the case of any student who has obtained less than 40 per cent of the marks assigned to Economics, to Mathematics, or to Accounting and Auditing, or who has obtained less than 50% in any portion of either of the Commercial Law courses. A student, however, who has obtained 40% or more, but less than 60% in the case of the first three subjects, or 50% or more but less than 55% in the case of Commercial Law need only repeat the examination, paying therefor the corresponding fee (*i.e.*, half the fee for the full course).

FINAL EXAMINATION IN ACCOUNTING AND AUDITING

The Final examination in Accounting and Auditing is held in May each year, before a joint board of examiners, consisting of the six mentioned on page 16 and of two members named by each of the three Associations of the Province.

The fee for this Final examination in Accountancy and Auditing is additional to the fee paid for the course. In the case of McGill Commerce graduates the fee for this Final examination is $25, to be paid to the University. In the case of students of the various Associations, the fee is also $25, to be paid to the Association with which the candidate is connected.

In order to pass in this Final examination a student must obtain 60 per cent or more of the marks assigned, with not less than 55 per cent in either of the subjects.

A student who fails may, on repayment of the examination fee, present himself again for examination in the following May. If he has obtained less than 40 per cent he must also repeat the final course in Accountancy and Auditing, paying the full tuition fee.

Candidates may proceed from the Intermediate to the Final stage, if conditioned in not more than one subject, which must not be Accountancy and Auditing. For the purposes of this regulation, Law constitutes one subject and Mathematics one subject. But no student can sit for the Final examination in Accountancy and Auditing who has not passed all his Intermediate and Final examinations in Commercial Law, Mathematics, and Economics.

No student receives any credit for any course, or is allowed to sit for any examination, unless he has complied with all the regulations of his Association affecting such course and examinations. Every student should, therefore, acquaint himself with the rules and by-laws of his Association.

A student taking either the Intermediate or the Final examinations must make formal application to Professor R. M. Sugars, and should state when he took the lectures given in connection with each examination. His application should be accompanied by the corresponding fee, and in the case of Final Accountancy and Auditing, it must also be accompanied by a certificate of one year's apprenticeship in the firm of a member of one of the Associations.

No examination is given to non-Association students in Final Accounting and Auditing.

For all further information, apply to Professor R. M. Sugars, Director-Secretary of the School of Commerce, Arts Building, McGill University.

FACULTY OF ENGINEERING

ENTRANCE REQUIREMENTS

ARCHITECTURE

For admission to the School of Architecture, candidates must pass the Junior Matriculation Examination in the following subjects:—

	Maximum Marks	
1.	200	**English.**
2.	100	**History.**
3.	200	One of the following:— **French, German, Spanish, Latin, Greek.**
4	200	**Elementary Mathematics.**
5.	200	**Intermediate Mathematics.**
6.	100	One of the following:— **Botany, Chemistry, Physics, a Language not already chosen.**
	Total 1,000	

To pass, a candidate must obtain an average of 60% in the ten papers and not less than 40% in any one paper, and must show distinct mathematical ability. Details of the syllabi are given on pages 79 to 86.

Candidates must also satisfy the Head of the Department as to their proficiency in Freehand and Geometrical Drawing. To this end they may send in specimens of their work before September 20th, or they may take an examination at the time of the regular matriculation examination in that month.

ENGINEERING

Candidates for admission to the Faculty of Engineering for courses in the different branches of Engineering must either complete the first B.Sc. year of the Faculty of Arts and Science or pass the Senior Matriculation in the following subjects:—

(a) *Compulsory:*—

English, Mathematics, Physics, Chemistry.

(b) *Electives:*—

Any one of the following:—**History, Biology, French, German, Greek, Latin, Spanish.**

REGISTRATION, ATTENDANCE, DISCIPLINE, FEES, LODGINGS AND ESTIMATED EXPENSES.

REGISTRATION

Students entering the Faculty of Engineering for the first time must register at the Registrar's Office from September 24th to 29th inclusive.

Other students register in the Macdonald Engineering Building on Friday, September 28th, but those who have no prerequisite conditions may register from September 24th to 29th, inclusive, at the Registrar's Office. Students registering after September 29th, but not later than October 4th, are required to pay a late registration fee of $5, which fee is increased to $10 for students registering after October 4th. This fee is not refunded except by authorization of the Faculty. After October 16th, no student is admitted except by special permission of the Faculty.

ATTENDANCE

1. Students are required to attend at least seven-eighths of the total number of lectures or laboratory periods in any one subject.* The Faculty of Engineering has the authority of Corporation to modify this regulation except as regards students of the First Year, but only in so far as attendance at lectures is concerned. The Faculty regulations governing attendance are bulletined at the opening of each session. Those whose unexcused absences exceed one-eighth of the total number of lectures in a course in which attendance is compulsory are not permitted to sit for the regular examination in that course, and those whose unexcused absences in such courses have exceeded one-fourth of the total number of lectures must repeat the work in that course.

Excuses on the ground of illness or domestic affliction are dealt with by the Dean only.

An excuse for absence due to illness is granted only when the application is accompanied by a certificate from the attending physician. Applications for all excuses must be filed with the Dean within three days after the period for which the excuse is requested.

Excuses granted must be shown to all professors concerned as promptly as possible.

2. An attendance record is kept by each instructor, which is submitted to the Faculty when required.

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*Physical education is included under this regulation.

3. Credit for attendance at any lecture or class may be refused on the grounds of lateness, inattention, neglect of study, or disorderly conduct in the class room or laboratory. In the case last mentioned the student may, at the discretion of the Professor, be required to leave the room. Persistence in any of the above offences against discipline after admonition by the Professor, is reported to the Dean. The Dean may, at his discretion, reprimand the student, or refer the matter to the Faculty at its next meeting, and may in the interval suspend the student from classes.

4. Lectures commence at five minutes after the hour. After the commencement of a lecture students are not allowed to enter, except with the permission of the Professor. If permitted to enter, they report themselves at the close of the lecture and are marked "late." Two lates count as one absence. Lectures end at five minutes before the hour. In cases where it is impracticable to record late attendance, students who are not present at the commencement of these exercises are marked absent.

DISCIPLINE

The University Regulations concerning discipline are administered by the several Faculties and by the Corporation Committee on Morals and Discipline, subject, when necessary, to revision or confirmation by Corporation.

FEES

Tuition Fees

1. Annual undergraduate fee for British students	$225.00
By instalments: Each of two instalments	115.00
Annual undergraduate fee for Non-British students	275.00
By instalments: Each of two instalments	140.00

2. Undergraduates taking only a portion of the regular course of any year or years, pay $8 per hour of instruction per week. This rate applies to lectures, laboratory and drafting-room work. Students required to repeat the work of any year are charged the regular annual undergraduate fee.

3. Graduates of the Faculty taking an additional undergraduate course pay one half the regular undergraduate fee.

4. *Partial Students.*

Per hour of instruction per week for a full course (British students)	$8.00
For the use of the Library	4.00

5. Non-British undergraduates taking only a portion of the course and Non-British partial students pay $10 a course or half-course more than the British fee.

6. *Summer Schools.* Students attending the Summer Schools in May or September pay $35 each before entering these schools; $25 of this amount is credited to the student's account for the following session, and the balance of $10 is caution money.

Other University Fees

7. Registration (British)	$5.00
Registration (Non-British)	10.00
The Registration Fee is paid only once—when the student first enters the University.	
Late registration, after September 30th	5.00
Late registration, after October 7th	10.00
Annual Health Service (see page 100)	5.00
Supplemental Examinations, each paper	10.00
Receipts for supplementals must be shown to the Dean's Office before the examination.	
Graduation (British)	10.00
Graduation (Non-British)	15.00
Duplicate Graduation Diploma	10.00
Conferring degree *in absentia*	10.00
Certified copy of student's record	1.00
Fine for late medical examination (see page 100)	$5.00 or 10.00

8. *Caution Money.* Every student is required to make a deposit of $10 as Caution Money to cover damage done to furniture, apparatus, books, etc. This amount, less deductions, is returned at the close of the session.

Students' Activities

9. A sessional fee of $17 is payable by all undergraduates for the support of student organizations, for the rinks and tennis courts, and for admission to all home games under the control of the Athletic Board.

10. Partial students pay $3 for athletics and athletic grounds and $1 for the Undergraduate Society. If they desire such of the privileges of Section 9 as are open to them, an additional $8.50 is charged.

General Regulations

11. Fees are due and payable at the Bursar's Office between the hours of 9 a.m. and 1 p.m. on the following dates:—

Tuesday, October 2nd.
Wednesday, October 3rd.

or if desired fees may be remitted by mail before the above dates. The second instalment of tuition fees is due and payable on February 1st. An additional $2 is charged for payment after the specified dates.

12. Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of Regulation 11.

13. Any student who fails to pay his fees within a month of the prescribed date is suspended until all the fees due have been paid.

14. All fees are payable in Canadian currency.

15. Domicile will in general determine whether a student pays the British or Non-British fees. A student who is uncertain which rate he will be required to pay should consult the Registrar.

LODGINGS

Before the opening of the session each year a list of Approved Lodgings, which have been inspected by a representative of the University, is issued by the Lodgings Committee. This list, which gives details of rooms, meals, prices, etc., may be consulted in the Registrar's Office, the Students' Union, Strathcona Hall, and other University Buildings. The list is not sent by mail.

Board and lodging for men may also be obtained in the Diocesan College, the United Theological College, and the Presbyterian College, which are theological colleges affiliated with the University.

Board is furnished in the McGill Union at low rates. The dining room accommodates over 120 students. There is also a lunch counter.

The cost of board and lodging in approved rooms varies from $35 to $60 per month. Separately, good board costs from $25, and a room from $12 upwards per month.

ESTIMATED EXPENSES

In all Years except the last the session extends from October 1st to May 1st with, as a rule, two or three summer schools, each of from three to four weeks' duration.

	Minimum	Moderate
Tuition Fees	$225	$225
Fee for Athletics, Union, etc.	17	17
Board and Lodging	265	350
Books and Instruments	43	53
	$550	$645

The sum of from $60 to $75 per year will also have to be reckoned on as extra expenditure in connection with the summer schools.

COLLEGES AFFILIATED WITH THE FACULTY OF ENGINEERING

The conditions on which students may enter from certain colleges and universities are stated below. Such students, and others seeking similar advanced standing, should make application to the Dean of the Faculty, preferably not later than the end of July. All such students are subject to the regulations of the Faculty regarding experience in practical work (see page 220). Due allowance is made for courses in shop-work forming part of the curricula in the colleges in which they have previously studied.

Acadia, Alberta, Mount Allison and St. Francis Xavier Universities are affiliated with McGill University to the extent that students who have completed the two-year course in engineering given by these universities are admitted to the Third Year in any of the engineering courses in the Faculty of Engineering, except that in Chemical Engineering, for which special arrangements are at present necessary.

Students from these universities entering the Third Year must take the summer school suitable to their course in May, or the special school in September, which will open in 1934 on September 4th in Chemical, Mechanical and Metallurgical Engineering and on September 17th in Civil and Mining Engineering.

Royal Military College.—Graduates of the Royal Military College of Kingston, when specially recommended by the Director of Studies of that institution, are admitted to the Fourth Year in Civil Engineering and to the Third Year in other engineering departments of the Faculty. They must in all cases take the summer schools pertaining to these several courses, which are held in September, as stated in the preceding paragraph.

University of Cambridge.—Arrangements have been made whereby graduates and students of the Mechanical Science course in the University of Cambridge are admitted to advanced standing in the Faculty of Engineering under definite regulations, particulars of which can be obtained from the Dean of the Faculty.

SCHOLARSHIPS AND PRIZES IN ENGINEERING

ENTRANCE SCHOLARSHIPS

For a list of scholarships open to students entering the first year of the Faculty of Arts and Science for their pre-Engineering Year, see pages 94 to 99.

The following scholarships are open to students entering the Faculty:—

A Robert Bruce Bursary of $100, open to students of promising ability but of straitened circumstances in Arts and Science or in Engineering.

The Hon. Robert Jones Scholarship, valued at $125 per annum. (For details, see page 96.)

The Isabella MacRae Scholarship, open to students resident in Maxville, Ont., or failing such for six years, to other Ontario students. (For details, see page 98.)

The P. S. Ross, Ottawa Valley Graduates', and Dr. H. M. Ami Exhibitions, valued at $100, $75 and $50 respectively, given through the Ottawa Valley Graduates' Society. (For details, see page 94.)

Canadian Pacific Railway Scholarships, covering one year in Arts and Science and four in Engineering, or five years' tuition in Architecture, open to apprentices and other employees of the company and to minor sons of employees. (For details, see page 98.)

Bursaries granted by the Imperial Order of the Daughters of the Empire, of the annual value of $300 each, are tenable for four years at any university and are open to the sons and daughters of deceased or permanently and seriously disabled soldiers and sailors. At least one is available for each Province each year. Information may be obtained from the Provincial Educational Secretary, Room 1111, Mount Royal Hotel, Montreal.

Workman Student—The University accepts one nomination each year for a full course in Mechanical Engineering in the Faculty of Engineering from the executors of the estate of the late Thomas Workman. The student nominated must have satisfied the entrance requirements of the Faculty.

AWARDED ON THE RESULTS OF THE SESSIONAL EXAMINATIONS OR FOR SPECIAL THESES

1. A British Association Exhibition of $50 and a prize of $25 at the end of the Third Year, to the students who obtain the highest and the second highest aggregate marks, respectively, in the sessional examinations in Strength of Materials and Mechanics of the Third Year.

2. Three prizes of $25, $15 and $10, at the end of the Second Year, to the students obtaining the highest, and the second and third highest aggregate marks, respectively, in the sessional examinations in Algebra Calculus and Mechanics of the Second Year.

3. A Scott exhibition of $50, founded by the Caledonian Society of Montreal, in commemoration of the centenary of Sir Walter Scott, and two prizes of $25 and $15, to the students obtaining the highest, and the second and third highest aggregate marks, respectively, in the sessional examinations in Mathematics, Descriptive Geometry and Physics of the First Year.

4. A prize of $50, presented by Mr. James L. Tighe, B.A.Sc., for research work in Hydraulics.

5. A prize of $25, presented by Messrs. Anglin-Norcross, Ltd., to the student obtaining the highest marks in Architectural Drawing in the School of Architecture.

6. A prize of $25, presented by Messrs. Anglin-Norcross, Ltd., to the student obtaining the highest marks in Architectural Engineering in the School of Architecture.

7. The Louis Robertson Prize, founded by Mr. and Mrs. John A. Robertson, in memory of their son, John Louis Armour Robertson, who was killed in the Great War on July 18th, 1916, to be awarded to the undergraduate student who ranks highest in Design in the Final Year of the School of Architecture.

8. A prize of $25, presented by Professor P. J. Turner, to the student obtaining the highest marks in Building Construction of the Second Year course in Architecture.

9. Prizes amounting to $200, given by the Montreal Light, Heat & Power Consolidated to Fourth Year students in the Department of Electrical Engineering.

10. The following prizes are offered for the best summer essays:—

To students in Civil Engineering, a prize of $25.

To students in Metallurgical Engineering, a prize of $25, presented by Milton L. Hersey, Esq., D.Sc.

To students in Mining Engineering, a prize of $25, presented by Dr. J. B. Porter.

11. The Engineering Institute of Canada offers each year a prize of $25 for the best paper in any branch of engineering received from an English-speaking Student or Junior of the Institute in the Province of Quebec. This prize is known as the Phelps Johnson Prize; another of the same value, the Ernest Marceau Prize, is awarded for the best paper in French. Similar prizes are open to those located in other provinces. The successful papers become part of the literature of the Institute and place the authors in prominent touch with the engineering profession. Further particulars may be obtained from R. J. Durley, Secretary, 2050 Mansfield Street, Montreal.

12. The Engineering Institute of Canada also offers each year a prize of $25 to the student of the Third Year whose standing, considered in combination with his activities in student engineering organizations, is, in the opinion of the Faculty, most meritorious.

13. Three prizes, one of $25 and the President's gold medal, and two of $25 each, are offered annually for the best papers submitted by student members to the Canadian Institute of Mining and Metallurgy.

14. The sum of $50 has been voted by the Undergraduate Society of the Faculty of Engineering, to be given as prizes for the best summer essays submitted by students. $25 is awarded for the best essay, $15 for the second and $10 for the third.

15. A Sir William Dawson Exhibition, given by the New York Graduates' Society; value, $60.

16. A prize of $25, offered by the Canadian Section of the Society of Chemical Industry, for the best essay on some phase of chemical industry. Further particulars may be obtained from the Secretary of the Society.

17. A prize of $10, offered by the Montreal Chapter of the American Society of Metals, to the student graduating in Metallurgical Engineering who obtains the highest mark, provided he obtains honour standing, in the subjects of Metallography and thesis combined.

18. The Robert Forsyth Prize in Civil Engineering. Under the will of the late Miss Jeanie Forsyth the interest on $1000 is awarded each year, if the examiners so recommend, to a "worthy and needy" student of the graduating class who secures high standing in the subjects of Theory of Structures and Strength of Materials.

AWARDED AT THE DISCRETION OF THE FACULTY

1. The Hon. Robert Jones Scholarship of $125 per annum, "is granted from time to time to some poor student for the full term of study in the Faculty of Engineering."

Application should be made through the Dean of the Faculty. In awarding the scholarship the standing of the student in the entrance examination is considered, and the scholarship is not continued if the standing of the student at any time proves unsatisfactory.

2. The Baylis Scholarship, founded in memory of Mr. and Mrs. James Baylis, of Montreal, and having an annual value of $100, is awarded to some student entering the Second Year who is in need of financial assistance. The scholarship will be continued during the Third and Fourth Years, if the standing of the student continues to be satisfactory.

Application should be made through the Dean of the Faculty.

3. The late Dr. James Douglas, who was a member of the Board of Governors, provided for twelve or more tutorial bursaries of $80 per annum in the Faculty of Engineering. In assigning these, the circumstances of the applicants as well as their academic standing are considered. These bursaries carry the obligation of giving tutorial instruction equivalent to one evening a week. Students in the Third and Fourth Years of Engineering are eligible.

4. H. M. MacKay Memorial Scholarship. This scholarship will probably be awarded during the summer of 1935 to a student of British citizenship who has then completed the First Year in Engineering and intends to enter the Second Year in September, 1935. A committee appointed by the Faculty will select the scholar, having in mind the results of the First Year sessional examinations, general character, industry and other qualities desirable in an engineer. The amount of the scholarship for 1935–36 will be $150. Payment will be withheld if the scholar's progress is unsatisfactory. If no candidate of sufficient merit applies, the scholarship will not be awarded. Written applications must be made to the Dean's Office on or before May 10th, 1935.

5. The Jenkins Bros., Ltd., Scholarship, supported by Messrs. Jenkins Bros., Ltd., and having an annual value of $200, is open to all Engineering students entering the Fourth Year and is awarded on the basis of academic standing and personality.

SCHOLARSHIPS AND FELLOWSHIPS FOR GRADUATES

See page 378.

MEDALS AND LOAN FUNDS

MEDALS

1. A British Association Medal is open for competition to students of the graduating class in each of the Engineering courses, and, if the examiners so recommend, will be awarded to the student taking the highest position in the final examinations. The British Association Medals

were founded by the British Association for the Advancement of Science in commemoration of its meeting held in Montreal in 1884.

2. A gold medal and two prizes are offered by the Canadian Institute of Mining and Metallurgy. For further particulars, see page 215.

3. The Lieutenant-Governor's Silver Medal is awarded to the student ranking highest in the Graduating Class in Architecture, provided his work is considered of sufficient merit.

4. The Lieutenant-Governor's Bronze Medal is awarded to the student obtaining the second place in the Graduating Class in Architecture, provided his work is considered of sufficient merit.

LOAN FUNDS

1. The "Class of 1899 Fund" was established by the "Applied Science" Class of 1899, to aid each year one or more students who, upon the completion of their Second Year, require assistance to enable them to finish their course. Loans from this fund are repayable after graduation. Applications should be made to the Dean.

2. The George Henry Frost Fund was founded by the late G. H. Frost, B.Sc. '60, to aid students who, when commencing the work of the second or a subsequent year in the Faculty of Engineering, require financial assistance. Loans from this fund bear interest at 3% and are repayable within three years after graduation. In making loans from this fund the academic standing of the applicants is considered. Applications should be made to the Dean.

3. The Waddell Fund was founded by J. B. Waddell, Esq. Loans are made under the same conditions as apply to the George Henry Frost Fund, except that the benefits are available to graduate students as well as to undergraduates. Applications should be made to the Dean.

4. The Canadian Institute of Mining and Metallurgy Loan Fund was founded by the Montreal Women's Auxiliary of that organization for the assistance of Engineering students in Mining, Metallurgy, Geology and allied subjects. Applications should be made to the Dean.

5. A Student Loan Fund has been established by the University to assist needy students in the upper years of all Faculties. Loans are made only to students with good academic standing.

For further particulars students should consult the Dean of the Faculty.

ADVANCED STANDING FOR GRADUATES IN ARTS AND SCIENCE

Graduates in Arts and Science desiring to proceed to the degree of B.Arch. or B.Eng., should apply to the Dean, Faculty of Engineering, for information regarding the regulations governing such procedure.

DEGREES, EXAMINATIONS AND SOCIETIES

DEGREES

Degrees conferred by the University upon such undergraduates of the Faculty as fulfil the conditions and pass the examinations here-

inafter stated are:—"Bachelor of Architecture" (B.Arch.), and "Bachelor of Engineering" (B.Eng.), mention being made in the diplomas of the latter of the particular course of study pursued.

Students who take the Bachelor of Engineering degree in one course may graduate in another course by attending one or more subsequent sessions and passing the prescribed additional examinations.

PRIVILEGES OF THE HOLDERS OF THESE DEGREES

Among the privileges enjoyed by graduates in Engineering the following may be specially mentioned:—

(1) By a resolution of the Institution of Civil Engineers the holders of the degree of B. Eng:, in the courses of civil, electrical, mechanical and mining engineering, who are desirous of becoming Associate Members of the Institution, may under certain conditions be exempted from the examination prescribed for admission to the Institution.

(2) By the Dominion Lands Surveys Act, any graduate in civil or mining engineering may have his term of apprenticeship for the Dominion Land Surveyors' certificate shortened from three years to one.

(3) Holders of the degree of B.Eng. are admitted to practice in Quebec, upon graduation, provided they register with the Corporation of Professional Engineers of Quebec upon entering the Faculty. Students entering the Faculty should therefore obtain the necessary application forms from the Dean's office, complete them and return them to that office.

(4) The School of Architecture is recognized by the Royal Institute of British Architects, and the instruction given meets the requirements of the Board of Architectural Education of that body. Students who obtain the degree of B.Arch. are exempted from the final examination for the associateship of the Royal Institute excepting in the subject of Professional Practice, in which they are required to take a paper set by the Institute's examiners. On passing this they are eligible for candidature as Associate R.I.B.A.

(5) The Province of Quebec Association of Architects admits holders of the degree of B.Arch. to membership, and thereby to practice in the Province, on passing an examination in design after spending one year in the office of a member of the Association. This office experience may be gained by work during the summer vacations.

EXAMINATIONS

1. Final examinations are held in all lecture subjects. Class examinations, for which credit may be given in the sessional standing, are held at the option of the professor.

2. Students who have failed in one or more subjects of the curriculum, except in cases where they are called upon to repeat their year, are required to make good their standing by passing:—

(a) the regular supplemental examinations held immediately before the opening of the session, or
(b) the final examinations in a subsequent session, or
(c) special examinations, which are given only under exceptional circumstances and by authority of the Faculty.

3. The pass standard in examinations in subjects in which the candidate has already failed twice is sixty per cent, and an unexcused absence from a sessional examination is regarded as a failure in this connection.

4. Failures in drafting and laboratory subjects may under certain conditions be made good by attending special classes during the late afternoons of the first two months of the following session. No student is permitted to attend these schools unless he has made at least 30% in the subject of the school. These classes must be completed and the results reported to the Faculty on or before December 1st.

5. No undergraduate is allowed to take instruction in any subject until he has passed the examinations in the necessary prerequisite subjects.

CLASSIFICATION OF MARKS

Class I	80–100%
Class II	65– 79%
Class III	50– 64%

ENGINEERING SOCIETIES

1. Upon entrance into the Faculty, all undergraduate students automatically become members of the Engineering Undergraduate Society.

2. The students also support an honourary fraternity, the members of which are selected from graduates and undergraduates in Engineering, and the object of which is to encourage high standards of character and scholarship.

3. Students in all departments of engineering are strongly recommended to become student members of the Engineering Institute of Canada, for which a fee of $3 is required. They are then entitled to the Journal of the Institute, to the use of the Institute's building, 2050 Mansfield Street, and to attend the weekly meetings.

Students are invited to compete for the prizes which are offered by the Institute.

4. Students in Mining and Metallurgy are strongly recommended to become members of the McGill Mining and Metallurgical Society, which, although a student body, is affiliated with the Canadian Institute of Mining and Metallurgy, the headquarters of which are in Montreal. Members of this Society receive the Monthly Bulletin of the Transactions of the Institute free and are entitled to attend meetings and to compete for prizes offered.

COURSES OF INSTRUCTION

Instruction in this Faculty is designed to afford thorough training of a practical as well as theoretical nature, in the following branches:—

I—Architecture
II—Chemical Engineering
III—Civil Engineering
IV—Electrical Engineering
V—Mechanical Engineering
VI—Metallurgical Engineering
VII—Mining Engineering

A note concerning graduate couses follows the list of undergraduate courses in each department. For details see courses given in the Faculty of Graduate Studies and Research. A course is also offered in Engineering Physics, see page 268.

CURRICULUM

The curriculum as laid down in the following pages may be changed from time to time, as deemed advisable by the Faculty, and is in no case binding beyond the session covered by this calendar announcement.

Four years of study are required for a degree in any branch of Engineering, and five years for the degree in Architecture.

The degree in Engineering will not be conferred upon any candidate until he has passed the prescribed examinations of his course, and has submitted satisfactory evidence to the Faculty of having had six to nine months of experience in practical engineering work. Similar regulations apply to the degree in Architecture. The conditions regarding practical work in the School of Architecture are set forth under the heading of Summer Work, Courses 35, 36, 37, 38, on page 246. Forms, obtainable from the Dean's Office, must be signed by the employer and returned on or before 5 p.m. October 10th, 1934. In view of the present industrial situation, modification of these regulations may be made in the cases of students otherwise qualified for degrees.

The work prescribed for the first two years is the same in all Engineering courses, except in Chemical Engineering.

The first two years of the Engineering courses (II to VII) are devoted to mathematics, mechanics, physics, chemistry and drawing, as it is necessary that students in these courses should master the general principles underlying scientific work before commencing professional subjects.

In certain courses, students are required to attend Summer Schools following the completion of the work of the session in the First, Second, and Third Years; for details, see page 238.

The regular work of the session 1934-35 will begin on October 1st, 1934, and end on May 30th, 1935.

1. ARCHITECTURE

The course for the degree of Bachelor of Architecture extends over five years.

FIRST YEAR

SUBJECT	Subject Number	Lecture hours per week		Drafting Room and other hours per week	
		First term	Second term	First term	Second term
Algebra	Arts I	3	3	..	..
Geometry and Trigonometry	Arts I				
Mechanics	194	2	2	..	..
Physical Education	..	..	..	..	..
Physics	Arts I	2	2	..	..
Physics Laboratory	Arts I	..	..	3	3
Elements of Architecture	4	1	1	..	..
History of Art	5	1	1	..	..
Architectural Drawing	8	..	..	14	14
Building Construction I.	18	2	2	5	5
Freehand Drawing I.	27	..	..	6	6
*Surveying Field Work	347	..	..	..	..
Total hours		11	11	28	28

*This subject is counted as part of the Second Year Curriculum, but the work is done in the four weeks immediately following the close of the First Year examinations. (See pages 238 and 246.)

Any undergraduate of the First Year in Architecture who at the close of the first term has failed to obtain an average of 33 per cent in mechanics, geometry and trigonometry, physics, freehand drawing and architectural drawing, may be required to withdraw from the Faculty.

Any other student of the First or any subsequent year, whose record is found to be unsatisfactory, may at any time be required to withdraw from the Faculty.

All students of the First Year in the School of Architecture whose studies have not been seriously interrupted by personal illness, domestic affliction or urgent affairs, and who fail in more than three subjects of the First Year, in which standing is determined by sessional examinations, or in three such subjects aggregating over 300 possible marks, are required to repeat the work of the First Year, and while so doing are debarred from taking any more advanced work.

SECOND YEAR

SUBJECT	Subject Number	Lecture hours per week		Drafting Room and other hours per week	
		First term	Second term	First term	Second term
Architectural Drawing II....	9	..	..	8	8
Building Construction II....	19	2	2	6	6
Architectural Engineering I..	21	2	2	5	5
Surveying.....	346	2	2	..	..
Mapping.....	348	..	..	3	3
Freehand Drawing II.....	28	..	..	6	6
History of Classic Architecture.....	14	2	2	..	..
Physical Education.....	..	..	..	..	..
Summer Work.....	35	..	..	..	..
*Surveying Field Work.....	347	..	..	..	..
Architectural Essay.....	31	..	..	..	..
Total hours.....		8	8	28	28

*Surveying Field Work is done in the four weeks immediately following the close of the First Year examinations in April. In the case of students entering from other Universities this work should be done before entering the Second Year in Summer Schools, as shown on page 238.

All students of the Second Year in the School of Architecture who have pursued their course of study without serious interference due to personal illness, domestic affliction or urgent affairs, and who fail in subjects aggregating 350 possible marks or over are required to repeat the Second Year.

THIRD YEAR

SUBJECT	Subject Number	Lecture hours per week		Drafting Room and other hours per week	
		First term	Second term	First term	Second term
Design A.....	1	..	..	15	15
Theory of Planning*.....	7	2	..	..	..
Architectural Engineering II.	22	2	2	4	4
History of Architecture.....	15 or 16	2	2	..	..
(Mediæval or Renaissance)†.					
Ornament and Decoration**.	10 & 11 or 12 & 13	1	1	3	3
Building Materials.....	20	..	1	..	..
Freehand Drawing III.....	29	..	..	6	6
Historical Drawing.....	26	..	..	4	4
Architectural Essay.....	32	..	..	..	..
Summer Work and School...	36	..	..	..	..
Total hours.....		7	6	32	32

*The courses in Theory of Design and Theory of Planning, numbers 6 and 7, will be given in alternate years.

†The courses in Mediæval and Renaissance Architectural History, numbers 15 and 16, are given in alternate years. During the Session 1934–35, the History of Mediaeval Architecture will be given.

**Ornament and Decoration, courses numbers 10 and 11, and 12 and 13, are given in alternate years. During the Session 1934–35, numbers 12 and 13 will be given.

NOTE.—In the School of Architecture after two failures in any subject a third examination will be granted only after the student concerned has taken special tuition of a character approved by the Department.

For summer reading, see page 239.

FOURTH YEAR

SUBJECT	Subject Number	Lecture hours per week		Drafting Room and other hours per week	
		First term	Second term	First term	Second term
Design B	2	..	..	22	22
Theory of Design*	6	2	..	..	..
Ornament and Decoration**	10 & 11 or 12 & 13	1	1	3	3
History of Architecture† (Mediæval or Renaissance)	15 or 16	2	2	..	..
Hygiene of Buildings	23	1	..	..	..
Heating and Ventilation	24	..	1	..	..
Historical Drawing	26	..	..	4	4
Architectural Essay	33	..	..	..	..
Summer Work and School	37	..	..	..	..
Total hours		6	4	29	29

FIFTH YEAR

SUBJECT	Subject Number	Lecture hours per week		Drafting Room and other hours per week	
		First term	Second term	First term	Second term
Design C	3	..	..	21	33
Professional Practice	25	1	1	3	3
History of Modern Architecture	17	2	2	..	..
Modelling	30	..	..	8	..
Architectural Essay	34	..	..	..	..
Historical Drawing	26	..	..	4	..
Summer Work	38	..	..	..	..
Total hours		3	3	36	36

*The courses in Theory of Design and Theory of Planning, numbers 6 and 7 will be given in alternate years.

†The courses in Mediæval and Renaissance Architectural History, numbers 15 and 16, are given in alternate years. During the Session 1934–35, the History of Mediaeval Architecture will be given.

**Ornament and Decoration, courses numbers 10 and 11, and 12 and 13, are given in alternate years. During the Session 1934–35, numbers 12 and 13 will be given.

NOTE.—In the School of Architecture after two failures in any subject a third examination will be granted only after the student concerned has taken special tuition of a character approved by the Department.

For summer reading, see page 239

ENGINEERING COURSES

The subjects of instruction in the First Year of the Engineering Courses (II to VII), and the number of hours per week devoted to each, are as follows:—

FIRST YEAR

SUBJECT	No.	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Elementary Physical Chemistry and Laboratory	51A	2	2	1	1
Descriptive Geometry	341	1	1	2	2
Drawing—Freehand and Lettering	342, 343	1	1	2	2
Drawing—Mechanical	340	..	..	3	3
Engineering Problems	80	..	..	3	3
History of Science	135	1	1	..	..
Plane Trigonometry	191	2	..	..	..
Algebra	192	3	3	..	..
Spherical Trigonometry	193	..	2	..	..
Mechanics	194	2	2	..	..
Analytical Geometry	195	2	2	..	..
Physics and Laboratory	311, 312	2	2	2	2
Physical Education	...	..	..	..	..
*Surveying Field Work	347	..	..	..	..
Summer Reading	132	..	..	..	..
Total hours		16	16	13	13

*This subject is counted as part of the Second Year Curriculum, but the work is done in the four weeks immediately following the close of the First Year examinations. (See pages 238 and 269.) Students in Chemical Engineering take a Summer School in Qualitative Analysis in September preceding their Second Year instead of this course.

Any undergraduate student of the First Year, who at the close of the first term has failed to obtain an average of 33 per cent in chemistry, mechanics, plane trigonometry, analytic geometry, algebra, physics and descriptive geometry, may be required to withdraw from the Faculty.

Any other student of the First, or any subsequent Year, whose record is found to be unsatisfactory, may at any time be required to withdraw from the Faculty.

All students of the First Year taking the course for the first time, who have pursued their course of study without serious interference due to personal illness, domestic affliction or urgent affairs, and who fail in more than four subjects of the First Year, in which standing is determined by sessional examinations, or in four such subjects aggregating 350 possible marks or over, are required to repeat the work of the First Year, and while so doing are debarred from taking any more advanced work.

The subjects of instruction in the Second Year of the Engineering Courses (III to VII), except in Chemical Engineering, and the number of hours per week devoted to each are as follows:—

SECOND YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Engineering Problems	80A	..	2	..	..
Economics	171	..	2	..	..
Descriptive Geometry	345	1	1	2	2
Engineering Reports	136	1	1	..	..
Mapping	348	..	..	3	3
Materials of Construction	81	1	1	..	..
Algebra	197	3	..	..	..
Calculus	198	2	4	..	..
Mechanical Drawing	344	..	..	3	3
Mechanics	83	2	2	2	2
Mechanics of Machines	218	..	1	..	3
Physics and Laboratory	315-316	2	2	2	2
Physical Education	...	..	..	..	..
Surveying	346	2	2	..	..
Surveying Field Work*	347	..	..	..	..
Summer Essay or Reading	133	..	..	..	..
Total hours	..	14	18	12	15

*Surveying Field Work is done in the four weeks immediately following the close of the First Year examinations in April (about April 30th) (see pages 238 and 269). In the case of students entering from other Universities this work should be done in a special Summer School before entering the Second Year (see page 238).

All students of the Second Year taking the course for the first time, who have pursued their course of study without serious interference due to personal illness, domestic affliction or urgent affairs, and who fail in more than four subjects of the Second Year, in which standing is determined by sessional examinations, or in such subjects aggregating over 400 possible marks, are required to repeat the Second Year.

II. CHEMICAL ENGINEERING

The aim of this Course is to provide a broad fundamental training, which, when supplemented by practical experience, will make the engineer competent to design and operate industrial plants with which he is concerned, and to understand the processes.

Part of the time in the Second Year is devoted to Chemistry, in addition to general Engineering subjects. In the Third Year, time is divided between Chemistry and Engineering, and Chemical Engineering topics are introduced. The Fourth Year is devoted mostly to Chemistry and Chemical Engineering, including a course in unit operations. Facilities are provided for original investigation of industrial problems by the student.

Students must attend two Summer Schools, one in Qualitative Analysis at the beginning of the Second Year, and the other in Quantitative Analysis at the beginning of the Third Year. Students are also required to work in some approved industrial plant during the vacation between the Third and Fourth Years.

FIRST YEAR

As in other Engineering Departments, except that students do not take the Summer School in Surveying Field Work, but attend a school in Qualitative Analysis. This school will be held in September prior to the opening of the Second Year Course.

SECOND YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Engineering Problems	80A	..	..	..	2
Economics	171	..	2	..	..
Engineering Reports	136	1	1	..	..
Algebra	197	3	..	..	..
Calculus	198	2	4	..	..
Mechanics	83	2	2	2	2
Physics and Laboratory	315–316	2	2	2	2
Elem. Organic Chem. and Laboratory	56–57	3	3	3	3
Inorganic Quantitative Analysis and Laboratory	61	1	1	9	9
*Inorganic Qualitative Analysis and Laboratory	54–55	..	..	..	..
Summer Essay or Reading	133	..	..	..	..
Total hours	..	14	15	16	18

*Summer School commences September 4th and extends over a period of four weeks prior to the opening of second year course.

All students of the Second Year who have pursued their course of study without serious interference due to personal illness, domestic affliction or urgent affairs, and who fail in more than four subjects of the Second Year, in which standing is determined by sessional examinations, or in such subjects aggregating over 400 possible marks, are required to repeat the Second Year.

THIRD YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Economics	171	..	2	..	..
General Elem. Metallurgy	262	1	1	..	..
Mechanical Eng. and Lab	226, 228	2	2	3	3
Engineering Reports (optional)	137	1	1	..	..
Mineralogy	142	2	2	..	..
Determinative Mineralogy	143	..	..	3	..
Strength of Materials and Lab	87–88	2	2	..	3
Structural Engineering	90	..	1	..	3
Advanced Organic Chem. & Lab	65	3	3	12	9
Adv. Physical Chemistry	66	3	3	..	..
Elem. Chemical Engineering	63	2	2	..	..
Chem. Engineering Problems	64	1	1	..	..
*Advanced Quantitative Anal. and Lab	67	..	..	..	..
Summer Essay or Reading	133	..	..	..	..
Total hours		16 or 17	19 or 20	18	18

*Summer School commences September 4th, and extends over a period of four weeks prior to the opening of the third year course.

FOURTH YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Advanced Inorganic Chem.	72	2	2	..	..
Electrochemistry	70	1	1	..	..
Colloid Chemistry	75	2	2	..	..
Engineering Relations (optional)	138	1	1	..	..
Elem. of Electrical Eng. & Lab	111–112	2	2	3	3
Engineering Economics	172	2	..	..	..
Engineering Law	175	1	1	..	..
History of Chemistry (optional)	74	1	1	..	..
Inorganic Chem. Technology	68A	2	..	..	..
Organic Chemical Technology	69A	..	2	..	..
Physical Chemistry Lab.	66A	..	..	9	9
Chemical Eng. Operations	77	5	5	..	..
Chem. Eng. Lab. & Thesis	78	..	..	7	7
Summer Essay	134	..	..	..	..
Total hours		18 to 20	15 to 17	19	19

III. CIVIL ENGINEERING

The courses of study are designed to emphasize the fundamental principles of mechanics, strength of materials, design of structures, and hydraulics, at the same time affording an opportunity of applying these principles to practical problems ranging widely over the field of civil engineering. A sound foundation is laid for future specialization. The outlook of the student is broadened by courses in Mechanical and in Electrical Engineering. In the Fourth Year an alternative course in Municipal Engineering is provided. In the designing courses special attention is given to the interpretation and critical discussion of specifications and to the economic principles involved. Students are recommended to obtain practical experience during the summer vacations, and are especially recommended to spend at least one vacation in a drafting office.

FIRST AND SECOND YEARS

As in other Engineering Courses (see pages 224 and 225), with additional Summer School for students entering Third Year (see page 238).

THIRD YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Economics	171	..	2	..	..
Foundations	89	1	1	..	3
Geology, General	141	2	2	2	2
Engineering Reports (optional)	137	1	1	..	..
Highway Engineering	85	..	2	..	6
Hydraulics and Lab	97–98	2	..	3	..
*Map Projections (alt.)	351	..	..	3	..
Mech. Eng. and Lab	226, 228	2	2	3	3
Mechanics	86	2	..	..	..
Railway Eng	92–93	2	..	6	..
*Sanitary Science (alt.)	82	1	..	3	..
Strength of Matls. and Lab.	87–88	2	2	..	3
Structural Eng	90	..	1	..	3
Surveying	353	2	2	..	..
Surveying Field Work	354	..	..	..	..
Summer Reading or Essay	133	..	..	..	..
Total hours		15 to 17	14 or 15	17	20

*Map Projections (351) is alternative with Sanitary Science (82).

FOURTH YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Elements of Elec.Eng. & Lab.	111–112	2	2	3	3
Engineering Economics	172	2	..	..	..
Engineering Law	175	1	1	..	..
Engineering Relations (optional)	138	1	1	..	..
Geodesy and Lab	359, 360	2	..	3	..
†Geodetic Field Work	361	..	..	..	..
Strength of Materials	95	2	1	..	3
Theory of Structures	94	1	2	3	6
and either					
Bridge Design	96	2	2	6	6
Hydraulic Machines	99	..	2	..	..
Municipal Engineering	101	2	2	..	3
or					
Bridge Design	96a	2	2	6	3
Civic Administration	104	1	..	..	..
Waste Disposal	103	1	..	..	..
Water Sup. and Sewerage	102	..	3	..	6
Summer Essay	134	..	..	..	..
Total hours		14 or 15	11 to 13	15	21

†See page 238.

IV. ELECTRICAL ENGINEERING

The Third Year of the Electrical Engineering course provides the student with a broad engineering training. Courses in mechanical engineering, thermodynamics, and strength of materials occupy a large place in the curriculum, although the greatest emphasis is placed on the study of the principles of Electrical Engineering.

The course in Electrical Engineering theory includes a study of electro-magnetism and of the electric circuit, followed by an analysis of the theory and characteristics of direct current machinery. A study is made of alternating current flow in single phase and polyphase circuits. This training is applied in the laboratory and in the solution of problems. Courses in differential equations and in molecular physics prepare the student for the electrical circuit theory and electrical communication courses of the Fourth Year.

The Fourth Year is devoted almost entirely to electrical engineering studies.

Technical courses cover the generation, transmission and distribution of electric power; direct and alternating current phenomena; electrical machinery; electric lighting; various systems of power distribution and transmission; central station design; electrical traction systems; hydro-electric power development; electro-chemistry; electrical measurements; communication engineering, etc.

Visits are made to electrical works and power plants.

FIRST AND SECOND YEARS

As in other Engineering Courses. (See pages 224 and 225.)

THIRD YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Differential Equations	201	3	..	..	..
Economics	171	..	2	..	..
Electrical Engineering	113	4	4	..	..
Electrical Eng. Lab	114	..	..	12	12
Engineering Reports (optional)	137	1	1	..	..
Machine Design	225	2	2	..	..
Mech. Eng. and Lab	223, 226	2	2	6	3
Mechanics	86	2	..	..	..
Thermodynamics	229	2	2	..	..
Strength of Mats. and Lab.	87, 88	2	2	..	3
Physics	318	..	2	..	..
Summer Reading or Essay	133	..	..	..	..
Total hours		17 or 18	16 or 17	18	18

FOURTH YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Electrical Design & Problems	122	1	1	3	6
Electrical Engineering	117	4	4	..	..
Electrical Measurements and Lab	124	2	..	3	3
Electrical Engineering Lab.	118	..	..	6	9
Thermionic Tube Theory and Applications	125	2	..	3	..
Communication Eng.	126	..	2	..	..
Engineering Relations (optional)	138	1	1	..	..
Applications of Electricity	123	..	3	..	..
Elec. Light & Power Dis.	120	2	..	..	..
Hydraulics & Lab	97, 98	2	..	3	..
Economics	172	2	..	..	..
Engineering Law	175	1	1	..	..
Summer Essay	134	..	..	..	..
and one of:—					
(1) Electric Traction	121	..	2	..	..
(2) Hydraulic Machines	99	..	2	..	..
(3) Machine Design	243	..	2	..	..
(4) Applied Electro Chemistry	70A	2	..	..	..
(5) Communication Eng.	127	..	2	..	..
Total hours		16 to 19	11 to 14	18	18

V. MECHANICAL ENGINEERING

Undergraduates entering the Third Year elect one of two courses: Mechanics of Machines and Thermodynamics, or Accounting and Industrial Engineering. If special preparation in aeronautics is desired in addition to the first option (Mech. of Machines), Calculus is taken in the Third Year and Strength of Materials in the Fourth Year.

The subjects of instruction in this Department are of interest to students who are likely to take up work connected with:—

(a) The engineering of production, including industrial engineering; (b) steam engineering; (c) internal combustion engines; (d) power plant engineering; (e) heating and ventilation; (f) æronautics and ærodynamics.

Instruction is given during the Third and Fourth Years in mechanical engineering applied to power installation and prime movers. This work is supplementary to thermodynamics, mechanics of machines and machine design, and leads to power plant design, industrial plant design and works organization.

Students take work in electrical engineering during the Third Year.

Workshop practice instruction is given in the Third and Fourth Years to prepare for that practical experience which every mechanical engineer must obtain for himself.

The course in thermodynamics deals with the theory of heat engines, including graphical and experimental work.

Arrangements are made for occasional visits to power plants and factories of importance.

FIRST AND SECOND YEARS

As in other Engineering Courses (see pages 224 and 225), with additional Summer School for students entering Third Year. (See page 238.)

THIRD YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Economics	171	..	2	..	..
Elements of Elect. Eng. and Lab	111–112	2	2	3	3
Engineering Reports (optional)	137	1	1	..	..
Industrial Engineering	237	2	..	..	..
Machine Design	225	2	2	..	..
Mechanical Drawing	231	..	..	3	3
Mechanical Eng. and Lab	227, 228	3	3	3	3
Mechanics	86	2	..	..	..
Physical Metallurgy	266	1	..	2	..
Shopwork	236	..	..	3	3
Strength of Matls. and Lab.	87, 88	2	2	..	3
Structural Engineering	90	..	1	..	3
Thermodynamics	229	2	2	..	..
Summer School	233	..	..	..	..
Summer Reading or Essay	133	..	..	..	..
**Differential Equations (Optional)	201	2	..	..	..
and					
Accounting	238	1	1	2	2
or					
Mechanics of Machines	224	2	2	1	1
Total hours		16 to 21	15 to 17	15 or 16	19 or 20

FOURTH YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Designing	241	..	..	3	3
Engineering Economics	172	2	..	..	..
Engineering Law	175	1	1	..	..
Engineering Relations (optional)	138	1	1	..	..
Experimental Eng	257	1	1	..	..
Heat. and Vent. of Buildings	247	1	1	..	..
Hydraulics and Lab	97, 98	2	..	3	..
Hydraulic Mach	99	..	2	..	..
Machine Design	242	2	2	..	..
Power Plant Design	244	1	1	..	3
Shopwork	252	..	..	3	3
Summer Essay	134	..	..	..	..
**Strength of Materials (optional)	95A	2	..	..	..
and					
Industrial Administration	254	..	1	..	3
Industrial Engineering	253	2	2	3	3
Industrial Relations	258	2	..	..	..
Mech. Eng. Lab	249a	..	..	6	6
or					
Thermodynamics	251	2	2	..	..
Industrial Administration	254	..	1	..	3
Industrial Relations	258	2	..	..	..
Mech. Eng. Lab	249	..	..	9	9
or					
Mech. Eng. Lab	249	..	..	9	9
*Mech. of Mach	240	2	2	1	1
Thermodynamics	251	2	2	..	..
Total hours		16 or 17	11 to 13	18 or 19	19 or 21

*Prerequisite Mechanics of Machines 224.

**Students intending to specialize later in areodynamics take optional courses in Calculus (201) and Strength of Materials (95A).

VI. METALLURGICAL ENGINEERING

The course of instruction provides training in the chemical and engineering subjects that form a basis for metallurgical engineering. In the later years, the various branches of theoretical and practical metallurgy are studied, together with the allied subjects of geology, mineralogy, assaying, ore-dressing and mining engineering.

The course is designed for students who expect to be connected with the smelting or refining of metals, the production of iron or steel, or the melting and casting of metals and alloys, or who will be engaged in engineering work in which the physical properties and heat-treatment of metals and alloys are of fundamental importance.

Between the Second and Third Years there is a four weeks' Summer School in inorganic qualitative analysis, beginning about September 5th. (See page 238.)

In the Third Year instruction is given in economics, chemistry, physical chemistry, assaying, geology, mineralogy, mining, ore-dressing, metallurgy, and mechanical and structural engineering.

A Metallurgical Field School is held after the April examinations of the Third Year. This school visits metallurgical plants and studies the design and operation of each.

Students are expected to work in a metallurgical plant during the summer before entering the Fourth Year, and must have had experience in metallurgical works before graduation. (See page 220.)

In the Fourth Year instruction is given in chemistry, electro-chemistry, electrical engineering, engineering law, economics, hydraulics, metallurgy, electro-metallurgy, metallography, metallurgical designing and ore-dressing.

Laboratory accommodation is provided for graduate students who wish to do advanced work in metallurgy for the M.Sc. or M.Eng. degree, and a Research Scholarship is usually available for a graduate student who shows marked ability.

FIRST AND SECOND YEARS

As in other Engineering Courses (see pages 224 and 225).

THIRD YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Economics	171	..	2	..	..
Engineering Reports (optional)	137	1	1	..	..
Fire Assaying and Lab.	263, 264	..	1	..	5
Geology, General	141	2	2	2	2
Gen. Elem. Metall. & Lab.	261	1	1	..	3
Inorg. Quant. Anal. and Lab.	62	1	..	9	..
Mech. Eng. and Lab.	226, 228	2	2	3	3
Metall. Calculations	265	1	1	..	..
Mineralogy	142	2	2	..	..
Mineralogy, Determinative	143	..	..	6	..
Mining Engineering	291	2	..	..	..
Ore Dressing	292, 295	2	2	..	..
Physical Chemistry	58	2	1	..	..
Strength of Matls. and Lab.	87, 88	2	2	..	3
Structural Engineering	90	..	1	..	3
*Summer School	54, 55	..	..	..	..
Summer Reading or Essay	133	..	..	..	..
Total hours		17 or 18	17 or 18	20	19

*See page 238.

FOURTH YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Electro-Chemistry	70	1	1	..	..
Elem. Elec. Eng. and Lab.	111, 112	2	2	3	3
Electro-Metal. and Lab.	275	..	2	..	3
Engineering Economics	172	2	..	..	..
Engineering Law	175	1	1	..	..
Engineering Relations (optional)	138	1	1	..	..
General Metallurgy	271	2	2	..	..
Hydraulics and Lab.	100	1	..	1½	..
Inorganic Chem. Technology	68A	2	..	..	..
Inorg Quant. Anal. and Lab.	67A	1	..	9	..
Metallurgy, Advanced	272	2	2	..	..
Metallurgical Lab. and Thesis	274	..	..	..	8
Metallurgy Colloquium	277	..	1	..	..
Metal. Calcs. and Design	278	..	..	..	6
Metallurgical Analysis	279	..	1	..	3
Metallography and Lab.	280, 281	1	..	3	..
Ore-Dressing and Lab.	300, 305	2	1	3	..
*Metallurgical Field School	267	..	..	..	..
Summer Essay	134	..	..	..	..
Total hours		17 or 18	13 or 14	19½	23

*Metallurgical Field School (267) is taken at the end of the Third Year. See page 263.

For Summer Schools, see page 238.

VII. MINING ENGINEERING

The Third Year is devoted largely to applied mechanics, electrical engineering, mechanical engineering, and surveying, but courses of special interest to Mining Engineers are introduced in ore-dressing and elementary mining and metallurgy, geology and mineralogy.

The Fourth Year is given up mainly to technical work in ore-dressing, economic geology and metallurgy, and includes nearly three full days per week in laboratories and drafting room. In the second term each student prepares a thesis on an experimental investigation.

A Field School in mining, ore-dressing and geology is held between the Third and Fourth Years, beginning immediately after the close of the April examinations. Students are taken on a trip to some important mining district where mines and plants are studied. As far as conditions permit, Second Year students who intend to enter the mining course are given the benefit of this summer school.

Facilities are available for graduate students who wish to do advanced work in mining or ore-dressing, and the Department possesses three Research Fellowships open to graduates who show ability. (See page 214.)

FIRST AND SECOND YEARS

As in other Engineering Courses (see pages 224 and 225), with additional Summer School for students entering Third Year. (See page 238.)

THIRD YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Economics	171	2	..	..	..
Engineering Reports (optional)	137	1	1	..	..
*Fire Assaying and Lab.	263, 264	..	1	..	5
Geology, General	141	2	2	3	2
*Inorg. Qual. Anal. and Lab.	59, 60	1	..	5	..
Mech. Eng. and Lab.	226, 228	2	2	2	3
Gen. Element. Metall.	262	1	1	..	..
Mineralogy	142	2	2	..	..
Mineralogy, Determinative	143	..	..	6	..
Mining Engineering	291	2	..	..	..
Ore Dressing	292, 295	2	2	..	..
Strength of Matls. and Lab.	87, 88	2	2	..	3
Structural Engineering	90	..	1	..	3
Surveying	352	1	1	..	..
†Surveying Field Work	354	..	..	..	..
Elect. Engineering and Lab.	111, 112	2	2	3	3
Summer Reading or Essay	133	..	..	..	..
Total hours		19 or 20	16 or 17	19	19

*The lecture hour assigned to these subjects is taken from the afternoon laboratory periods.

†See page 269.

FOURTH YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Mine Design	298	..	..	..	6
Engineering Economics	172	2	..	..	..
Engineering Law	175	1	1	..	..
Engineering Relations (optional)	138	1	1	..	..
Geology of Canada	149	1	..	..	..
Hydraulics and Lab.	100	1	..	1½	..
Inorg. Quantitative Anal.	71	1	..	9	..
Metallurgy, General	271, 284	2	2	..	3
Metallurgical Calc.	283	1	1	..	..
Mining Engineering	297	3	3	..	..
Mining Colloquium	301	..	1	..	..
Practical and Field Geology	147	1	..	3	..
Ore Deposits	148	..	4	..	..
Ore-Dressing	300	2	1	..	..
Ore-Dress., Lab. and Thesis	306, 307	..	..	3	9
Petrography and Lab.	146	1	..	3	3
Mining Field School	294	..	..	..	..
Mine Mapping	293	..	..	1½	..
Summer Essay	134	..	..	..	..
Total hours		16 or 17	13 or 14	21	21

*The lecture hour assigned to this subject is taken from one of the afternoon laboratory periods.

NOTE.—Surveying Field Work, between the Second and Third Years. See page 238.

Mining Field School at end of Third Year. See page 266.

SUMMER SCHOOLS

Undergraduates are required to attend Summer Schools as specified below. These are held immediately after the April sessional examinations, and the work is set forth in detail under the subject numbers referred to.

Except as noted, classes are expected to begin on or about April 29th and close about May 25th.

COURSE	Students entering Second Year		Students entering Third Year		Students entering Fourth Year	
	Subject No.	Page	Subject No.	Page	Subject No.	Page
Architecture	347	268	†35, 36, 37, 38	246	†35, 36, 37, 38	246
Chemical Engineering	*54, 55	268	*67	249	..	
Civil Engineering	347	268	354	268	361	268
Elect. Engineering	347	268	...	..	...	..
Mechanical Engineering	347	268	*233	260	...	..
Metallurgical Engineering	347	268	*54, 55	248	267	263
Mining Engineering	347	268	354	268	294	266

†This school will be held in September, 1934, and will last a little over two weeks. Particulars as to dates, etc., must be obtained from the Head of the Department.

*These Schools commence on September 4th, extend over a period of four weeks and are held with the Special Summer Schools. See pars. (b) and (c) below.

NOTE—SPECIAL SUMMER SCHOOLS

As it is seldom practicable for students admitted to advanced standing in McGill University from other colleges to attend the May Summer School preceding the work of the year to which they are admitted, the following arrangements have been made for such students, but it must be understood that, except as noted in the table above, they apply only to students who have not previously been in attendance in the Faculty of Engineering.

(a) Students entering the Second Year, except in Chemical Engineering, are required to attend a special Summer School in Surveying which extends from September 17th to 29th, inclusive, preceding the work of the Session. Additional work may be required in the following year, if necessary, to cover the course. Students entering the Second Year in Chemical Engineering take the regular Summer School. (See page 269.)

(b) Students entering the Third Year of the courses in Chemical Engineering and Metallurgical Engineering are required to attend a Special Summer School in Chemistry which extends over a period of four weeks commencing September 4th.

(c) Students entering the Third Year of the course in Mechanical Engineering will be required to attend a Summer School in Mechanical Drawing and Machine Shop Work extending over a period of four weeks, commencing September 4th.

(d) Students entering the Third Year in the courses in Civil and in Mining Engineering and the Fourth Year in Civil Engineering are required to attend a Special Summer School in Surveying from September 17th to 29th, inclusive, and in these courses further work in Surveying, to be specified by the Head of the Department, is required for a portion of the month of May following.

(e) Students entering the Third Year in the course in Electrical Engineering are required to submit evidence satisfactory to the Head of the Department, that they have been employed for a time at least equivalent to one month of steady employment, in a first-class electrical shop during the vacation preceding their entrance into the Third Year.

(f) Students entering the Third Year or any subsequent year in the course in Architecture must submit evidence satisfactory to the Head of the Department that they have done work equivalent to that of the regular scheduled Summer Schools.

(g) Students entering the Fourth Year in the courses in Mining and Metallurgical Engineering are required to submit evidence that they have had practical experience in mining and metallurgical work at least equivalent in extent to the work done in the regular Summer Schools in these courses, and should by correspondence in the preceding spring secure the approval of the Head of the Department concerned of the work which they propose to offer in place of the regular summer work.

SUMMER WORK, SUMMER ESSAYS AND SUMMER READING

Students in Engineering are required to submit to the Faculty evidence of having had at least six months of experience in practical engineering work before receiving their degrees. Evidence of such employment must be submitted on forms obtainable at the Dean's Office, to be signed by the employer and handed in at the office not later than 5 p.m. October 10th, 1934.

A similar regulation applies to students in Architecture, who must have had at least eight months of practical experience before receiving their degrees. This experience must include work in an architect's office.

In view of the present industrial situation, modification of these regulations may be made in the cases of students otherwise qualified for degrees.

GENERAL REQUIREMENTS

Essays are regarded as a very important part of the curriculum and a high standard is exacted. They are judged on their subject matter, literary style and the evidence they show of thoughtful preparation.

The most acceptable subject for an essay is a critical description of the work on which the student is engaged during the summer, but a description of any engineering, scientific or industrial work with which he is familiar will be accepted. Students who secure summer engagements in engineering work should take advantage of every opportunity to gather material suitable for an essay.

No essay compiled from books alone will be accepted unless the student has obtained in advance the written approval of the Head of his Department. Information obtained from books and other sources may, however, be used or even quoted verbatim, provided full acknowledgment is made and all quotations enclosed in quotation marks. Similarly, drawings, blue prints, etc., may be included in the essay, provided full acknowledgment is made.

The student should be particularly careful to make acknowledgment of information or drawings regarding matters which have not come within his personal experience, by means of a letter attached to the essay.

Essays should normally be from 2,000 to 5,000 words in length. They should be illustrated by drawings, sketches, and, when desirable, by photographs, specimens, etc., and **must be typewritten** on paper of substantial quality and **8½ x 11 inches in size**.

Essays, with the exception of those which require consideration by the Committee on English because of literary defects, or those which are considered eligible for Undergraduate Society prizes, will be returned to students on or before December 1st. Students are encouraged to submit their essays to the Engineering Institute of Canada or to the Canadian Institute of Mining and Metallurgy, in competition for student's prizes offered by these Institutes.

All summer essays must be handed in at the Dean's Office not later than 5 p.m., October 10th, 1934.

Examinations in Summer Reading will be held on or about the opening day of the session. The number of marks assigned to the reading course and to the essay is the same.

STUDENTS IN ARCHITECTURE

During each summer vacation all students are required either to work for five weeks in the office of an architect or contractor, or prepare thirty-five reasonably large freehand sketches in any desired medium, or carry out a programme of study approved by a professor of the School.

In addition, students entering the various years are required to fulfil the following requirements:—

Second Year

Pass an examination on J. H. Breasted—Ancient Times (Ginn and Co., New York).

Third and Fourth Years

Pass an examination on the following books, or submit an essay on a subject approved by the Head of the Department:—Quennell—A History of Everyday Things in England, Part I—(B. T. Batsford); Villehardouin and Joinville.—"Memoirs of the Crusades". (Everyman's Library).

Fifth Year

Pass an examination on the following books, or submit an essay on a subject approved by the Head of the Department:—

Ruskin, Seven Lamps of Architecture (Everyman's Library); A. Clutton Brock, William Morris—His Work and Influence (No. 89, Home University Series).

STUDENTS IN ENGINEERING

Second Year

132. Students entering the Second Year must either pass an examination on not fewer than four of the following books, or submit an essay:—

Haldane, Possible Worlds, (Phœnix Library).
Bennett, Imperial Palace, (Cassell & Co).
Travels of Marco Polo, (Everyman's Library).
Strachey, Eminent Victorians, (Phoenix Library).
Monckton, Some Experiences of a New Guinea Resident Magistrate. (Weekend Library).
Whitman, Seven Contemporary Plays, (Houghton, Mifflin.)
Lucas, Over Bremerton's (Methuen).
Conrad, Mirror of the Sea, (Heinemann).

The essay, which should be approximately 2,000 words in length, must be illustrated and conform to the requirements for essays stated above.

Students who elect to write an essay, but who are not engaged during the summer in engineering, scientific or industrial work that would be a suitable subject for an essay, may write on one of the following subjects: (1) General Educational Value of Engineering Training; (2) The Place of Athletics in the University; (3) College Journalism; (4) Summer Schools.

Third Year

133. Students entering the Third Year must pass an examination on the following book, or submit an essay, preferably on engineering work in which they have been engaged:—Cheyney, An Introduction to the Social and Industrial History of England, revised edition, (Macmillan).

Essays must conform to the requirements stated above except that they may be somewhat shorter, but not less than 2,000 words in length.

Students who elect to write an essay, but are not engaged during the summer in suitable engineering, scientific or industrial work are advised themselves to choose a subject, in consultation with the Head of their Department, or they may write on one of the following:—

Chemical Engineering.—(1) The Paint Industry; (2) The Solvay Process for Soda Manufacturing; (3) Manufacture of Illuminating Gas.

Civil Engineering.—(1) Historical Development of Trussed Frameworks; (2) Historical Development of Reinforced Concrete; (3) Ancient and Modern Water Supplies.

Electrical Engineering.—The Application of Electric Power to Industrial Establishments.

Mechanical Engineering.—(1) Powdered Fuel for Power Production; (2) Pulp and Paper Manufacture; (3) Shop Management.

Metallurgical Engineering.—(1) Roasting Ores of Lead; (2) Reverberatory Copper Smelting; (3) Heat Treatment of Steel.

Mining Engineering.—(1) Explosives Used in Mining; (2) Hoisting from Mines; (3) Mucking and Transportation in Mines.

Fourth Year

134. Students entering the Fourth Year are required to submit an essay, preferably on engineering work in which they have been engaged. Students who are not engaged in suitable work may write on one of the following subjects or preferably on an Engineering subject approved by the Chairman of their Department.

Chemical Engineering.—(1) Hardening of Fats; (2) The Rare Earths; (3) Coal Tar Distillation; (4) Electro-chemical Industries.

Civil Engineering.—(1) Welding of Structural Steel; (2) High Early Strength Concrete; (3) Aerial Surveying; (4) Small-Town Sewage Disposal Plants.

Electrical Engineering.—(1) Applications of electricity to any particular branch of industry, or to industry in general; (2) Applications of Thermionic Tubes to Electrical Communication and to Industry; (3) Electrification of Railways; (4) The Insulation of Underground Cables or of Overhead Lines, (5) The Magnetic Properties of Iron and its Alloys.

Mechanical Engineering.—(1) Power Costs; (2) Central Station Heating; (3) Methods of Increasing Production in Manufacturing; (4) Exhaust Steam Turbines Using Steam at Pressures below Atmospheric.

Metallurgical Engineering.—(1) Treatment, Uses and Disposal of Gases from Metallurgical Furnaces; (2) Economic Use of Electric Power in Metallurgical Furnaces; (3) Corrosion-resisting Alloy Steels.

Mining Engineering.—(1) Prospecting and Exploration of Mineral Deposits; (2) Mine Drainage; (3) The Flotation Process for Ore Concentration; (4) Compressed Air and its Application to Mining; (5) Mineral Production and its Effect on Industrial Development.

Essays must conform in all respects to the requirements stated on page 239.

Examinations in Summer Reading will be held on or about the opening day of the session. The number of marks assigned to the reading course and to the essay is the same.

SUBJECTS OF INSTRUCTION

The following courses are subject to modification during the year, as the Faculty may deem advisable.

SCHOOL OF ARCHITECTURE

PROFESSORS:—{RAMSAY TRAQUAIR (in charge of School).
PERCY E. NOBBS (in charge of Design).
E. DYONNET.
P. J. TURNER.

ASSISTANT PROFESSOR:—FRANK P. CHAMBERS.

SPECIAL LECTURER:—LESSLIE R. THOMSON

DEMONSTRATORS:—{P. ROY WILSON
A. PRIDEAUX

RESEARCH ASSISTANT:—GORDON A. NEILSON

A.—Design

The course in Design is divided into three classes (A, B and C), intended for the Third, Fourth and Fifth Years respectively. Advanced or backward students are allotted to design classes to suit their individual requirements, irrespective of their standing in other subjects; good standing in Class C must be obtained prior to receiving the degree.

1. CLASS A. (P. 9, 19, 21, 29). Simple problems in composition of a monumental nature. The design of domestic buildings.

2. CLASS B. (P. 1, 22). The design of public buildings.

3. CLASS C. (P. 2) Problems involving the plan, structure and lay-out of complex buildings and groups of buildings. The diploma design for graduation is done in the second term.—Professor Nobbs.

B.—Aesthetic

4. THE ELEMENTS OF ARCHITECTURE.—24 lectures. Professor Chambers.

Text-books:—Vignole, Traité Elémentaire Pratique d'Architecture, (Garnier); H. McGoodwin, Architectural Shades and Shadows, (Bates & Guild).

P—Prerequisite. See page 271.

5. History of Art. 24 lectures—Professor Chambers.

6. Theory of Design. 24 lectures—Professor Nobbs.

7. Theory of Planning. 24 lectures—Professor Nobbs.

10, 11, 12 and 13. Ornament and Decoration.

(48 lectures and 48 draughting periods extending through two years.)

10. Decorative Heraldry.—Professor Traquair. First Term (given in 1935-36).

Text-books:—Eve, Decorative Heraldry, (Harcourt); Grant, The Manual of Heraldry (Grant); Hope, Heraldry for Craftsmen (Macmillan), Fox Davies, The Art of Heraldry, (Jacks).

11. Ornament in Form.—Professor Traquair. Second Term (given in 1935-36).

Text-books:—Millar, Plastering, Plain and Decorative, (Batsford); Bankart, The Art of the Plasterer; (Batsford); Prior, Mediæval Figure Sculpture in England (Cambridge Univ. Press); Gardner, Handbook of Greek Sculpture (Macmillan).

12. Metal Work.—Professor Traquair. First Term (given in 1934-35).

Text-books:—Murphy, English and Scottish Wrought Iron Work, (Scribner); Starkie Gardner, Ironwork, (Victoria and Albert Museum); Lethaby, Leadwork, (Macmillan).

13. Color Decoration.—Professor Traquair. Second Term (given in 1934-35).

Text-books:—Merson, Vitraux, (Maison Quant), Day, Windows (Batsford).

C.—History

14. Ancient and Classical Architecture. 48 lectures—Professor Traquair.

Text-books:—Banister Fletcher, History of Architecture, (Batsford); Anderson and Spiers, Architecture of Ancient Greece, (Batsford); Anderson and Spiers, Architecture of Ancient Rome (Batsford).

15. Mediaeval Architecture. 48 lectures—Professor Traquair.

Text-books:—Power, Mediæval Architecture (Talbot); Faure, History of Art (Harpers); Bond, Gothic Architecture in England (Batsford); Prior, History of Gothic Art in England (Bell).

16. RENAISSANCE ARCHITECTURE. 48 lectures.—Professor Traquair.
Text-books:—Anderson, Italian Renaissance Architecture, (Batsford); Ward, French Renaissance Architecture; (Batsford); Blomfield, Short History of Renaissance Architecture in England (Bell); Gotch, Architecture of the Renaissance in England (Batsford).

17. MODERN ARCHITECTURE. 48 lectures—Professor Traquair.
Text-books:—Clark, The Gothic Revival (Constable); Richardson, Monumental Classic Architecture in Great Britain (Batsford).

D.—Science

MATHEMATICS. Mathematics 1 of the Faculty of Arts and Science, including Algebra, Geometry and Trigonometry. Mechanics 194 is taken in Engineering. (See page 70.)

PHYSICS AND LABORATORY. Arts and Science 1. 48 lectures and 24 laboratory periods.....Professor Keys.

346. SURVEYING. (P. 191 or Arts and Science 1), 48 lectures.

347. SURVEYING FIELDWORK. Fieldwork, 4 weeks' field school.

348. MAPPING. 24 drafting periods.

23 and 24. HYGIENE OF BUILDINGS. 24 lectures in first term, 12 lectures and one graphical problem in second term.

23. First term.—Professor Macdonald.

24. Second term.—Professor Patten.

E.—Construction

18. BUILDING CONSTRUCTION I. 48 lectures and 48 drafting periods. Professor Turner.
Text-books:—Frame Construction Details (Nat. Lumber Manf. Assn.); Manual of Face Brick Construction (American Face Brick Assn.)

19. BUILDING CONSTRUCTION II. (P. 18). 48 lectures and 48 drafting periods.....Professor Turner.

20. BUILDING MATERIALS. 12 lectures.....Professor Turner.
Text-books:—Knobloch, Good Practice in Construction (Batsford); Voss and Henry, Architectural Construction (Wiley); Jaggard and Drury, Architectural Building Construction, Vol. 1 (Cambridge Univ. Press); Hollman, Wood Construction (McGraw-Hill); Gay and Archer, Materials and Methods of Architectural Construction (Wiley).

P—Prerequisite. See page 271.

21. ARCHITECTURAL ENGINEERING. I. 48 lectures and 48 drafting periods.....Mr. Thomson.

22. ARCHITECTURAL ENGINEERING II. (P. 21). 48 lectures and 48 drafting periods.....Mr. Thomson.

Text-books:—Hauf, Design of Steel Buildings (Wiley); Howe, Retaining Walls for Earth (Wiley); Turneaure and Maurer, Principles of Reinforced Concrete Construction (Wiley); Useful Data (Kalman Steel Company); Handbook of Reinforced Concrete Building Design (American Concrete Institute); Draffin, Strength of Materials (Wiley); Malcolm, Graphic Statics (Clarke); Steel Construction (American Institute of Steel Construction).

F.—Architectural Practice

25. PROFESSIONAL PRACTICE. 24 lectures and 24 drafting periods.
Professor Turner.

Text-books:—Handbook of Architectural Practice (A.I.A.); N.Y. Building Congress Standard Specifications; Emerson, Modern Building Superintendence and the Writing of Specifications (Blake); Architects' Law Manual (Constable).

G.—Drawing

8. ARCHITECTURAL DRAWING I. 14 drafting periods.
Professor Chambers.

9. ARCHITECTURAL DRAWING II. (P. 8). 8 drafting periods.
Professor Chambers.

26. Buildings studied during the summer sketching classes are drawn.
Professor Traquair.

27, 28, 29 (P. 27, 28). FREEHAND DRAWING. Two periods a week during the first three years.....Professor Dyonnet.

30. MODELLING. Two periods a week for the first term of the fifth year.—Professor Chambers.

31, 32, 33, 34. An essay prepared during the session, on an historical or a theoretical subject, is required each year from all students except those of the First Year.

35, 36, 37, 38. SUMMER WORK.

During the vacations following the close of the First, Second, Third and Fourth Years, students are required to read and to be prepared to pass an examination on a selected architectural work. Every student must, before he receives his degree, have had at least eight months' experience in

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P—Prerequisite. See page 271.

an architect's or contractor's office satisfactory to the Faculty. The regulations of the Royal Institute of British Architects require that a candidate for the special examination shall have had at least twelve months' experience in an architect's office. Graduates will not be admitted to this examination until they have fulfilled the requirement.

Text books set for summer reading include the following:—Quennell, A History of Everyday Things in England (Batsford); Breasted, Ancient Times (Ginn); Villehardouin and Joinville, Memoirs of The Crusades (Dent); Cellini, Autobiography (Dent); Ruskin, Seven Lamps of Architecture (Dent); Life of William Morris (Williams & Norgate).

A summer school in surveying is taken in the four weeks following the sessional examinations of the First Year.

39, 40. A summer school in sketching and measuring is attended by all students between the Second and Third, and between the Third and Fourth Years, in the latter part of September, for the study of buildings in Canada and in the United States.

For summer reading, see page 239.

DEPARTMENT OF CHEMISTRY

DIRECTOR AND MACDONALD PROFESSOR OF INORGANIC CHEMISTRY:—
F. M. G. JOHNSON.

MACDONALD PROFESSOR OF PHYSICAL CHEMISTRY:—O. MAASS.

PROFESSOR OF ORGANIC CHEMISTRY:—

E. B. EDDY PROFESSOR OF INDUSTRIAL AND CELLULOSE CHEMISTRY:—
HAROLD HIBBERT.

PROFESSOR:—NEVIL NORTON EVANS.

ASSOCIATE PROFESSOR:—W. H. HATCHER.

ASSISTANT PROFESSORS:—C. F. H. ALLEN. E. W. R. STEACIE. J. H. MENNIE.

LECTURERS:—W. H. BARNES. J. B. PHILLIPS.

LECTURE ASSISTANT:—A. E. CANTON.

And demonstrators and graduate assistants.

First Year Lectures and Laboratory.

51A. ELEMENTARY PHYSICAL CHEMISTRY AND LABORATORY. Two lectures and one one-hour problem period per week.....Professor Maass.

Text-book:—Maass & Steacie, Introduction to the Principles of Physical Chemistry, (Wiley).

Second Year Lectures and Laboratory.

54. INORGANIC QUALITATIVE ANALYSIS. (P. 51A, C. 55.) Ten lectures per week for the four weeks of Summer School (See page 238).
Professor Evans.

Text-book:—Evans, Notes on the Theory of Qualitative Analysis; Stieglitz, Qualitative Chemical Analysis, (Century).

55. INORGANIC QUALITATIVE ANALYSIS LABORATORY. (P 51A, C. 54.) Four weeks' Summer School. (See page 238).....Professor Evans.

Text-book:—W. A. Noyes, Qualitative Analysis (Holt).

56. ORGANIC CHEMISTRY. (Arts and Science 2.) Three lectures per week.....Professor Hatcher.

Text-book:—Porter, The Carbon Compounds (Ginn).

57. ORGANIC CHEMISTRY LABORATORY. (Arts and Science 2.) One period per week.....Professor Hatcher.

61. INORGANIC QUANTITATIVE ANALYSIS AND LABORATORY. One lecture and three laboratory periods per week.....Professor Mennie.

Third Year Lectures and Laboratory.

59. INORGANIC QUALITATIVE ANALYSIS. (C. 60) One lecture per week, first term.....Professor Evans.

Text-book:—Evans, Notes on the Theory of Qualitative Analysis.

60. INORGANIC QUALITATIVE ANALYSIS LABORATORY. (C. 59.) Two periods per week, first term.....Professor Evans.

Text-book—W. A. Noyes, Qualitative Analysis (Holt).

62. INORGANIC QUANTITATIVE ANALYSIS AND LABORATORY. One lecture and three laboratory periods per week, first term..Professor Mennie

63. ELEMENTARY CHEMICAL ENGINEERING. (P. 51A, 80A, C. 64, 226.) Two lectures per week.....Dr. Phillips.

64. CHEMICAL ENGINEERING PROBLEMS. (P. 51A, 80A, C. 63.) One hour per week.....Dr. Phillips.

P—Prerequisite. C—Concurrent. See page 271.

*65. Advanced Organic Chemistry and Laboratory. (Arts and Science 5.)

Three lectures and four laboratory periods per week. . Professor Allen.

*66. Physical Chemistry. (P. 51A, 80A.) (Arts and Science 7.) Three lectures per week. . . . . Professor Maass.

Text-books:—Nernst, Theoretical Chemistry (Macmillan); Taylor, Treatise on Physical Chemistry (Van Nostrand).

67. Inorganic Quantitative Analysis and Laboratory. (P. 61.) Four weeks Summer School preceding the Third Year. (See page 238.) Professor Mennie.

Text-books:—Lord and Demorest, Metallurgical Analysis (McGraw-Hill); Treadwell-Hall, Quantitative Analysis (Wiley): Hillebrand and Lundell, Applied Inorganic Analysis (Wiley); Lundell, Hoffman, and Bright, Chemical Analysis of Iron and Steel (Wiley); Kolthoff-Furman, Volumetric Analysis (Wiley); Kolthoff-Furman, Potentiometric Titrations (Wiley).

Fourth Year Lectures and Laboratory.

*66A. Physical and Colloid Chemistry Laboratory. (Arts and Science 7A.) Three laboratory periods per week.

Professors Maass and Steacie.

Text-book:—Daniels, Matthews, and Williams, Experimental Physical Chemistry (McGraw-Hill).

67A. Inorganic Quantitative Analysis and Laboratory. One lecture and three laboratory periods per week, first term. . Professor Mennie.

Text-books:—As for course 67.

68A. Inorganic Chemical Technology. (P. 51A). Two hours per week, first term. . . . . Dr. Phillips.

69A. Organic Chemical Technology. (P. 51A, 56). Two hours per week, second term. . . . . Dr. Phillips.

*70. Electrochemistry. (Arts and Science 11.)

One lecture a week, session. . . . . Professor Mennie.

Text-books:—Creighton, Electrochemistry, (Wiley); Allmand, Applied Electrochemistry (Arnold).

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*Courses marked with a star are open to graduates as well as undergraduates.

P—Prerequisite. See page 271.

70A. Applied Electrochemistry.
Two lectures per week, first term.....Professor Mennie.
Text-books:—Allmand, Applied Electrochemistry (Arnold); Mantell, Industrial Electro-Chemistry (McGraw-Hill).

71. Inorganic Quantitative Analysis. One lecture and three laboratory periods per week, first term.....Professor Mennie.

*72. Advanced Inorganic Chemistry. (Arts and Science 6.) Two lectures per week.....Professor Johnson.

*74. History of Chemistry. (Arts and Science 9.) One lecture per week, optional.....Dr. Barnes.

*75. Colloid Chemistry. (Arts and Science 15.) Two lectures per week. (Laboratory work, see 66A).....Professor Steacie.
Text-book:—Kruyt, Colloids (Wiley).

77. Chemical Engineering Operations. (P. 63, 226; C. 78.) Five hours per week.....Dr. Phillips.

78. Chemical Engineering Laboratory and Thesis. (C. 77.) Seven hours per week.....Dr. Phillips.

Graduates in Chemical Engineering may proceed, if their work has been of sufficiently high standard, to the degree of M.Sc. in Chemistry. See page 402.

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*Subjects marked with a star are open to graduates as well as undergraduates.
P—Prerequisite. C—Concurrent. See page 271.

DEPARTMENT OF CIVIL ENGINEERING AND APPLIED MECHANICS

PROFESSORS:—E. BROWN, R. DEL. FRENCH, R. E. JAMIESON
ASSOCIATE PROFESSOR:—G. J. DODD
ASSISTANT PROFESSORS:—F. M. WOOD, JAMES WEIR
LECTURER:—L. O'T. COOPER.
RESEARCH FELLOW:—C. M. MORSSEN
ASSISTANT IN CHARGE OF TESTING LABORATORY:—S. D. MACNAB

First Year.

80. ENGINEERING PROBLEMS. Three hours per week.
Professors Dodd, Wood, and Weir.

Second Year.

80A. ENGINEERING PROBLEMS. Two hours per week, second term.
Dr. Maass.

81. MATERIALS OF CONSTRUCTION. One hour per week, session.
Professors French, Jamieson, and Sproule.
Text-book:—Moore, Materials of Engineering (McGraw-Hill).

83. MECHANICS. (P. 194, C. 198.) Two lectures and two hours problems per week.....Professors Jamieson and Dodd.
Text-books:—Poorman, Applied Mechanics (McGraw-Hill); MacInnes, Elements of Practical Mechanics (Van Nostrand).

Third Year.

86. MECHANICS. (P. 83, 198). Two lectures per week, first term.
Professor Wood.
Text-books:—Worthington, Dynamics of Rotation (Longmans Green); Poorman, Applied Mechanics (McGraw-Hill).

87. STRENGTH OF MATERIALS. (P. 83, 198.) Two lectures per week, session.....Professors Brown and Jamieson.
Text-books:—Morley, Strength of Materials (Longmans Green); Case, Strength of Materials (Arnold); Timoshenko, Strength of Materials, Part I (Van Nostrand).

88. STRENGTH OF MATERIALS LABORATORY. (C. 87.) Three hours per week, second term.....Professors Jamieson, Dodd, and Wood.

89. FOUNDATIONS. (C. 87.) One lecture per week, session; three hours problems per week, second term.....Professor Dodd.
Text-book:—Jacoby and Davis, Foundations of Bridges and Buildings (McGraw-Hill).

P—Prerequisite. C—Concurrent. See page 271.

90. Structural Engineering. (C. 87.) One lecture and three hours problems per week, second term.....Professor Dodd.

Text-books:—Ketchum, Structural Engineer's Handbook (McGraw-Hill); Ketchum, Mill Buildings (McGraw-Hill); Bishop, Structural Drafting and Design of Details (Wiley); Voss and Varney, Architectural Construction, Vol. II, Book Two, Steel Construction (Wiley); Steel Construction (A.I.S.C.).

92. Railway Engineering. (P. 83, 346, 347, 348.) Two hours per week, first term.....Professor Wood.

Text-books:—Allen, Railroad Curves and Earthwork (McGraw-Hill); Williams, Design of Railway Location (Wiley).

93. Railway Engineering. (P. 83, 346, 347, 348, C. 92.) Six hours per week, first term.....Professor Wood.

97. Hydraulics. (P. 83.) Two hours per week, first term.
Professor Brown.

Text-book:—Schoder and Dawson, Hydraulics (McGraw-Hill); Gibson, Hydraulics and its Applications (Constable).

98. Hydraulics Laboratory. (C. 97.) Three hours per week, first term.....Professors Jamieson and Wood.

82. Sanitary Science. Four hours per week, first term.
Dr. Starkey.

85. Highway Engineering. Two lectures and six hours laboratory per week, second term.....Professor French.

Text-book:—Agg, Construction of Roads and Pavements (McGraw-Hill).

Fourth Year.

94. Theory of Structures. (P. 87.)
One lecture and three hours problems per week, first term; two lectures and six hours problems per week, second term.....Professor Jamieson.

Text-books:—Johnson, Bryan and Turneaure, Modern Framed Structures, Parts I and II (Wiley); Spofford, Theory of Structures (McGraw-Hill).

95 and 95A. Strength of Materials. (P. 87.) Two lectures per week, first term; one lecture and one drafting room period per week, second term.....Professors Brown and Jamieson.

P—Prerequisite. C—Concurrent. See page 271.

Text-books:—Morley, Strength of Materials (Longmans Green); Case, Strength of Materials (Arnold); Timoshenko and Lessels, Applied Elasticity (W. T. N. S. Press); Taylor, Thompson and Smulski, Concrete, Plain and Reinforced, Vol. II (Wiley); Turneaure and Maurer, Principles of Reinforced Concrete Construction (Wiley); Hool, Reinforced Concrete Construction, Vols. II and III (McGraw-Hill); Hool and Johnson, Concrete Engineers Handbook (McGraw-Hill); Standard Specifications for Concrete and Reinforced Concrete.

96. BRIDGE DESIGN. (P. 90, C. 94.) Two lectures and six hours drafting per week, session.....Professor Dodd.

Text-books:—Kirkham, Structural Engineering (McGraw-Hill); Ketchum, Structural Engineer's Handbook (McGraw-Hill); Waddell, Bridge Engineering (Wiley).

96A. BRIDGE DESIGN. (P. 90, C. 94.) A somewhat briefer course than 96 .....Professor Dodd.

99. HYDRAULIC MACHINES. (C. 97) Two hours per week, second term. Professor Brown.

Text-book:—Creager and Justin, Hydro-Electric Handbook (Wiley).

100. HYDRAULICS AND LABORATORY. (P. 83.) One lecture per week and six laboratory periods, first term.....Mr. Cooper.

Text-book:—King and Wisler, Hydraulics (Wiley).

101. MUNICIPAL ENGINEERING. (P. 97, 98.) Two lectures per week, session, three hours problems per week, second term....Professor French.

Text-books:—Babbitt and Doland, Water Supply Engineering (McGraw-Hill); Metcalf and Eddy, Sewerage and Sewage Disposal (McGraw-Hill).

102. WATER SUPPLY AND SEWERAGE. (P. 82, 97, 98.) Three lectures and six hours problems per week in second term. Professor French.

Text-books:—As for Courses 101.

103. WASTE DISPOSAL. (P. 82.) One hour per week, first term. Professor French.

Text-book:—Hering and Greeley, Collection and Disposal of Municipal Refuse (McGraw-Hill).

104. CIVIC ADMINISTRATION. One hour per week, first term. Professor French.

Courses for the Degree of Master of Engineering

Graduate Courses are offered in Statically Indeterminate Stresses, Technical Elasticity, Secondary Stresses, Hydraulics, and Highway Engineering.

For particulars of these see page 408.

P—Prerequisite. C—Concurrent. See page 271.

DEPARTMENT OF DRAWING AND DESCRIPTIVE GEOMETRY

PROFESSOR:—HENRY F. ARMSTRONG

DEMONSTRATORS:—L. R. McCURDY, L. J. ARCAND, C. J. PIMENOFF, G. D. POOLE

First Year.

340. MECHANICAL DRAWING. Three hours per week.
Professor Armstrong.

Text-book:—Book of Plates (obtainable at Bursar's Office).

341. DESCRIPTIVE GEOMETRY AND GEOMETRICAL DRAWING. Three hours per week.....Professor Armstrong.

Text-books:—Armstrong, Geometrical Drawing; Armstrong, Descriptive Geometry (Wiley).

342. FREEHAND DRAWING. One hour and a half per week.
Professor Armstrong.

343. LETTERING. One hour and a half per week. Professor Armstrong.

Second Year.

344. MECHANICAL DRAWING. (P. 340.) Three hours per week.
Professor Armstrong.

345. DESCRIPTIVE GEOMETRY AND PERSPECTIVE. (P. 341.) Three hours per week.....Professor Armstrong.

Text-book:—Armstrong, Descriptive Geometry (Wiley).

P—Prerequisite. See page 271.

DEPARTMENT OF ELECTRICAL ENGINEERING

PROFESSOR:—C. V. CHRISTIE

ASSOCIATE PROFESSOR:—G. A. WALLACE

ASSISTANT PROFESSOR:—E. G. BURR

LECTURERS:—W. H. SCHIPPEL, F. S. HOWES

DEMONSTRATOR:—S. A. CRAIG

111. ELEMENTS OF ELECTRICAL ENGINEERING. (P. 198, 315.) Two hours per week.....Professor Wallace.
Text-book:—Gray and Wallace, Principles and Practice of Electrical Engineering (McGraw-Hill).

112. ELECTRICAL ENGINEERING LABORATORY. (C. 111.) Three hours per week.

Third Year.

113. ELECTRICAL ENGINEERING. (P. 198, 315.) Four hours per week. Professor Christie.
Text-book:—Christie, Electrical Engineering (McGraw-Hill).

114. ELECTRICAL ENGINEERING LABORATORY. (C. 113.)
Laboratory, six hours per week. Fourth Year. Problems, six hours per week.

Fourth Year.

117. ELECTRICAL ENGINEERING. (P. 113, 114, 201.) Four hours per week.....Professor Christie.
Text-book:—Christie, Electrical Engineering (McGraw-Hill).

118. ELECTRICAL ENGINEERING LABORATORY. (P. 113, 114, C. 117.) Laboratory, nine hours per week.....Mr. Schippel.

120. ELECTRIC LIGHTING AND POWER DISTRIBUTION. Two hours per week, first term.....Professor Burr.
Text-book:—Standard Handbook for Electrical Engineers (McGraw-Hill).

121. ELECTRIC TRACTION. (C. 117.) Two hours per week, second term. Professor Wallace.
Text-book:—Standard Handbook for Electrical Engineers (McGraw-Hill).

P—Prerequisite. C—Concurrent. See page 271.

122. Electrical Design and Problems. (P. 113, C. 117.) Lectures, one hour per week. Problem work, three hours per week, first term; six hours per week, second term.....Professor Christie.

Text-book:—Gray, Electrical Machine Design (McGraw-Hill).

123. Applications of Electricity. (P. 113, C. 117.) Three lectures per week, second term.....Professor Burr.

124. Electrical Measurements and Laboratory. (P. 113.) Two lectures per week, first term. One laboratory period per week, session. Professor Wallace.

125. Thermionic Tube Theory and Applications. (P. 318, 113.) Two lectures and one laboratory period per week, first term....Dr. Howes.

Text-book: Terman, Radio Engineering (McGraw-Hill).

126. Communication Engineering—Wire Communication. (P. 201, 113.) Two lectures per week, second term.....Professor Wallace.

127. Communication Engineering—Radio Communication. (P.125.) Two lectures per week, second term.....Dr. Howes.

Courses for the Degree of Master of Engineering or Master of Science

Graduate courses are offered in Advanced Mathematics, Physics, Electrical Machine Design, Protection of Electrical Power Systems, Stability of Electrical Power Systems, Inductive Co-ordination of Power and Signal Systems, Electric Circuit Analysis, and Advanced Wire Transmission Theory.

For particulars of these see page 412.

ENGINEERING LAW AND ECONOMICS

Professor of Accountancy:—R. R. Thompson

Sessional Lecturer in Economics:—H. Carl Goldenberg.

Lecturer in Law:—J. W. Weldon

171. Elements of Political Economy. Two hours per week, first term.....Mr. Goldenberg

Text-books:—McGibbon, Economics for Canadian Readers (Macmillan).

172. (P. 171.) (a) Corporation Finance.....Professor Thompson.

(b) Canadian Economic Problems

Two hours per week, first term.....Mr. Goldenberg

175. Engineering Law. One hour per week.....Mr. Weldon.

P—Prerequisite. C—Concurrent. See page 271.

ENGINEERING PRACTICE

A series of related courses designed to acquaint the student with the historical background of his profession, its relation to other professions and its place in the structure of modern society, the usage of English, both written and spoken, in engineering and business; methods of statistical analysis, etc. Frequent extra-curricular lectures are given by qualified speakers from other Faculties or from outside the University.

135. HISTORY OF SCIENCE. One hour per week, session.

136. ENGINEERING REPORTS. One hour per week, session.

137. ENGINEERING REPORTS. (P. 136.) One hour per week, session.

138. ENGINEERING RELATIONS. One hour per week, session.

A bonus of 25 marks is granted to each student who successfully completes either 137 or 138; this bonus is considered in ranking students, but not in determining whether they have passed their years.

DEPARTMENT OF GEOLOGICAL SCIENCES

PROFESSOR OF GEOLOGY:—JOHN J. O'NEILL

PROFESSOR OF MINERALOGY:—R. P. D. GRAHAM

PROFESSOR OF PALAEONTOLOGY:—T. H. CLARK

ASSISTANT PROFESSORS OF GEOLOGY:—J. E. GILL, F. F. OSBORNE

LEROY FELLOW IN GEOLOGY:————

Third Year.

141. GENERAL GEOLOGY. (Arts and Science 1.)
Two lectures and two hours laboratory per week.—Professor Clark.
Text-books:—Longwell, Knopf & Flint, Physical Geology (Wiley); Schuchert, Outline of Historical Geology (Wiley).

142. MINERALOGY. (Arts and Science 5. P. 51A.) Two lectures per week.....Professor Graham.

143. DETERMINATIVE MINERALOGY. (Arts and Science 6. P. 51A.) Two laboratory periods, first term.....Professor Graham.

Fourth Year.

146. PETROGRAPHY. (Arts and Science 10. P. 141.) One lecture, one laboratory period, first term; one laboratory period, second term.—Professors Graham and Osborne.
References:—Knopf, Rocks and Rock Minerals (Wiley); Smith, Minerals and the Microscope (Morby).

P—Prerequisite. See page 271.

147. Practical and Field Geology. (Arts and Science 7. P. 141.) One lecture, one laboratory period, first term.....Professor Gill.

148. Ore Deposits. (Arts and Science 8. P. 141, C. 147.) Four lectures per week. second term.....Professor O'Neill.

Text-books:—Lindgren, Mineral Deposits, (McGraw-Hill); Leith, Economic Aspects of Geology (Holt); Emmons, Geology of Petroleum (McGraw-Hill); Kemp, Ore Deposits of the U.S. and Canada (Scientific Pub. Co.); publications of the Geological Surveys of the U.S. and of Canada.

149. Geology of Canada. (Arts and Science 4. P. 141.) One lecture per week, first term.....Professor O'Neill.

153. Field Work and Geological Mapping. (P. 141, 142, 143.) Professors O'Neill, Clark and Gill.

DEPARTMENT OF MATHEMATICS

Professors and Joint Chairmen:—{N. B. MacLean / C. T. Sullivan}

Professor:—W. L. G. Williams

Associate Professor:—G. J. Dodd

Assistant Professors:—{F. M. Wood / Gordon Pall}

Lecturer:—L. O'T. Cooper

First Year.

191. Plane Trigonometry and Mensuration. First term, two hours per week.....Professor Wood.

Text-books:—Hall and Stevens, School Geometry, Part VI, (Macmillan); Murray, Plane and Spherical Trigonometry (Longmans Green).

192. Algebra. Three hours per week. Professors MacLean and Williams.

Text-book:—Barnard and Child, A New Algebra, Vol. II. (Macmillan).

193. Spherical Trigonometry. Second term, two hours per week. Professor Wood

Text-books:—As in 191.

194. Mechanics. Two hours per week...Professors Dodd and Wood.

Text-book:—Mimeographed notes.

P—Prerequisite. C—Concurrent. See page 271.

195. ANALYTIC GEOMETRY. (C. 192.) Two hours per week.
Professors MacLean and Williams.
Text-book:—Nowlan, Analytic Geometry, 1933 Edition (McGraw-Hill).

Second Year.

197 ALGEBRA. (P. 192.) First term, three hours per week.
Professor Williams.
Text-book:—As in 192.

198. CALCULUS. (P. 192.) First term, two hours per week; second term, four hours per week.....Professors MacLean and Williams.
Text-book:—Murray, Differential and Integral Calculus (Longmans Green).

Third Year.

201. DIFFERENTIAL EQUATIONS. (P. 198.) First term, three hours per week.....Professor MacLean.
Text-books:—Murray, Differential Equations (Longmans Green); Fry, Elementary Differential Equations (Van Nostrand).

DEPARTMENT OF MECHANICAL ENGINEERING

PROFESSORS:—C. M. MCKERGOW, A. R. ROBERTS
ASSISTANT PROFESSORS:—J. A. COOTE, R. H. PATTEN
LECTURER:—L. R. MCCURDY
DEMONSTRATOR:—E. E. WHEATLEY
SHOP INSTRUCTOR:—W. GATEHOUSE

Second Year.

218. MECHANICS OF MACHINES. (P. 191, 192, 194.) One lecture, one laboratory period, second term.....Professor Patten.
Text-book:—Guillet, Kinematics of Machines (Wiley).

Third Year.

223. MECHANICAL ENGINEERING LABORATORY. (C. 226.) Six hours per week, first term; three hours per week, second term..Professor Patten.
Text-book:—Diederichs and Andrae, Experimental Engineering (Wiley).

224. MECHANICS OF MACHINES. (P. 83, 218.) Alternative with Accounting (238). Three hours per week.....Mr. McCurdy.
Text-book:—Ewing, Steam Engine (Longmans Green).

P—Prerequisite. C—Concurrent. See page 271.

225. MACHINE DESIGN. (C. 87, 231.) Two hours per week.
Professor Roberts.

Text-books:—Unwin, Machine Design, Part I. (Longmans Green); McKay, Principles of Machine Design (Arnold); Kimball and Barr, Elements of Machine Design (Wiley).

226. MECHANICAL ENGINEERING. (C. 228.) Two hours per week.
Professor McKergow.

Text-book:—MacNaughton, Steam Engines. (McGraw-Hill).

227. MECHANICAL ENGINEERING. (C. 228.) Three hours per week.
Professor McKergow.

Text-book:—As for 226.

228. MECHANICAL ENGINEERING LABORATORY. (C. 226, 227.) Three hours per week.....Professor Patten.

Text-book:—Diederichs and Andrae, Experimental Engineering (Wiley).

229. THERMODYNAMICS. (P. 198.) Two hours per week.
Professor Roberts.

Text-books:—Marks and Davis, Steam Tables (Longmans Green); Moyer, Calderwood and Potter, Elements of Engineering Thermodynamics (Wiley); Kiefer and Stuart, Engineering Thermodynamics (Wiley).

231. MECHANICAL DRAWING. (C. 225.) Three hours per week, session.....Mr. McCurdy

233. SUMMER SCHOOL. Introductory to courses 236 and 231. Four weeks in September, preceding the work of the Third Year.
Messrs. McCurdy and Gatehouse.

236. MACHINE SHOP. Three hours per week, session..Mr. Gatehouse.

237. INDUSTRIAL ENGINEERING. Two lectures per week, first term.
Professor Coote.

Text-book:—Kimball, Industrial Organization (McGraw-Hill).

238. ACCOUNTING. Alternative with 224. One lecture and one problem period per week.....Professor Coote.

Text-book:—Wade, Fundamentals of Accounting (Wiley).

Fourth Year.

240. MECHANICS OF MACHINES. (P. 224.) (a) *Valve gears and governors* (b) *Aerodynamics.* Three hours per week.....Professor McKergow.

Text-book:—Chatfield and Taylor, The Airplane and its Engine (McGraw-Hill).

P—Prerequisite. C—Concurrent. See page 271.

241. DESIGNING. (P. 225, 231, C. 242.) Three hours per week.
Professor Roberts.

242. MACHINE DESIGN. (P. 225, C. 241.) Two hours per week.
Professor Roberts.

Text-books:—Unwin, Machine Design, Parts I and II (Longmans-Green); Kimball and Barr, Elements of Machine Design (Wiley).

243. MACHINE DESIGN. (P. 225.) Optional for Electrical Engineering students. Two hours per week, second term.....Professor Roberts.

244. POWER PLANT DESIGN. (P. 227, C. 247.) One lecture and one drafting room period per week.....Professor McKergow
Text-book:—Gebhardt, Steam Power Plant Engineering (Wiley).

247. HEATING AND VENTILATION OF BUILDINGS. (P. 227, C. 244.) One hour per week.....Professor McKergow.
Text-book:—Allen and Walker, Heating and Ventilating (McGraw-Hill).

249. MECHANICAL ENGINEERING LABORATORY. (P. 227, 228.) Ten hours per week.....Professors McKergow and Patten.
Text-book:—Diedrichs and Andrae, Experimental Engineering (Wiley).

249A. MECHANICAL ENGINEERING LABORATORY. (P. 227, 228.) Required of students in Fourth Year Mechanical Engineering who take the Industrial Administration option. Two periods per week.

251. THERMODYNAMICS. (P. 228, 229.) Two hours per week.
Professor Roberts.

Text-books:—Kiefer and Stuart, Engineering Thermodynamics (Wiley); Clerk, The Gas, Petrol and Oil Engine, Part I (Wiley); Moyer, Steam Turbine (Wiley).

252. MACHINE SHOP. (P. 236.) Three hours per week.
Mr. Gatehouse.

253. INDUSTRIAL ENGINEERING. (P. 238.) Two lectures and one drafting room period per week, session.....Professor Coote.
Text-book:—Lansburgh, Industrial Management (Wiley).

254. INDUSTRIAL ADMINISTRATION. (C. 252.) One lecture and one drafting room period per week, second term.....Professor Coote.

257. EXPERIMENTAL ENGINEERING. (P. 227, 228, C. 249.) One hour per week.....Professor Roberts
Text-book:—Diederichs and Andrae, Experimental Engineering (Wiley).

P—Prerequisite. C—Concurrent. See page 271.

258. Industrial Relations. Two lectures per week, first term.
Professor Coote.

Text-book:—Watkins, Labor Management (McGraw-Hill).

Summer Schools—see note (c), page 238.

Courses for the Degree of Master of Engineering or Master of Science

Graduate Courses are offered in Engineering Thermodynamics, Machine Design and Industrial Engineering. For particulars of these see page 426.

DEPARTMENT OF METALLURGICAL ENGINEERING

Professor:—Alfred Stansfield

Associate Professor:—Gordon St. G. Sproule

Sessional Lecturer:—Harold J. Roast

Special Lecturer:—Charles F. Pascoe

Research Scholar:—

Third Year.

261. Elementary Metallurgy and Laboratory. One lecture per week, session; one laboratory period per week, second term.
Professor Sproule.

Text-book:—Stoughton and Butts, Engineering Metallurgy (McGraw-Hill).

262. Elementary Metallurgy. Lectures as in 261, but without laboratory work. One lecture per week, session.....Professor Sproule.

263. Fire-Assaying. (C. 264.) One lecture per week, second term.
Professor Sproule.

264. Fire-Assaying Laboratory. (C. 263.) Two laboratory periods per week, second term, for Metallurgical and Mining students.
Professor Sproule.

Text-books:—Smith, Sampling and Assay of the Precious Metals (Griffin); Bugbee, Fire-Assaying (Wiley); Fulton and Sharwood, Manual of Fire-Assaying (McGraw-Hill).

P—Prerequisite. C—Concurrent. See page 271.

265. METALLURGICAL CALCULATIONS. (C. 261.) One lecture per week, session.....Professor Stansfield.

Text-book:—Butts, Metallurgical Problems (McGraw-Hill).

266. PHYSICAL METALLURGY. One lecture and two hours laboratory per week, first term, for Mechanical Engineering students.

Prof. Sproule and Mr. Roast.

267. METALLURGICAL FIELD SCHOOL. Held at the end of the Third Year; includes visits to metallurgical works in Montreal and vicinity, and to smelters, steel-works and metallurgical refineries within a reasonable distance of Montreal. Students are required to keep notes and to submit a written account of their observations at the beginning of the next term. The only expense is for board, lodging and railway fares; care is taken to keep these as low as possible.

At the close of the School it is usually possible for students to obtain suitable summer employment at one of the works visited, and they are strongly advised to obtain metallurgical experience thus.

Fourth Year.

271. METALLURGY (General). (P. 261 or 262.) Two lectures per week, session, and a few laboratory demonstrations.....Professor Stansfield.

Text-books:—Boylston, Introduction to the Metallurgy of Iron and Steel, (Wiley); Stoughton, Metallurgy of Iron and Steel (McGraw-Hill); Liddell, Handbook of Non-ferrous Metallurgy (McGraw-Hill), "Metals and Alloys" Magazine (Chem. Catalog. Co.); Transactions and "Metal Progress" Magazine (Amer. Soc. for Metals).

272. METALLURGY (Advanced). (P. 261 or 262, C. 271.)

Two hours a week, session.....Professor Stansfield.

Text-books:—Jeffries and Archer, Science of Metals (McGraw-Hill); Liddell & Doan, Principles of Metallurgy (McGraw-Hill); Hofman and Hayward, Metallurgy of Copper (McGraw-Hill); Hofman, Metallurgy of Lead (McGraw-Hill); Hofman, Metallurgy of Zinc and Cadmium (McGraw-Hill); Edwards, Frary and Jeffries, The Aluminum Industry (McGraw-Hill); Johnson, Principles, Operation and Products of the Blast Furnace (McGraw-Hill); Forsythe, The Blast Furnace and the Manufacture of Pig Iron (U.P.C. Book Co.).

274. METALLURGICAL LABORATORY AND THESIS. (P. 261, C. 271.) Three laboratory periods per week, second term....Professor Stansfield.

P—Prerequisite. C—Concurrent. See page 271.

275. ELECTRO-METALLURGY AND LABORATORY. (P. 261 or 262, C. 271.) Two lectures per week and one laboratory period, second term. Professor Stansfield.

Text-books:—Stansfield, The Electric Furnace (McGraw-Hill); Electric Furnace for Iron and Steel (McGraw-Hill).

277. METALLURGICAL COLLOQUIUM. (P. 261, C. 271.) One hour per week, second term.....Professor Stansfield.

278. METALLURGICAL CALCULATIONS AND DESIGN. (P. 265, C. 272). Two periods per week in the library and drafting room, second term. Professor Stansfield.

279. METALLURGICAL ANALYSIS. (P. 61, 62. C. 67A.) One lecture and one laboratory period per week, second term.....Mr. Roast.

280. METALLOGRAPHY. One lecture a week, first term....Mr. Roast.
Text-books:—Sauveur Metallography of Iron and Steel, (University Press); Gulliver, Metallic Alloys (Griffin).

281. METALLOGRAPHIC LABORATORY. One laboratory period per week, first term.....Mr. Roast.

283. METALLURGICAL CALCULATIONS. (P. 262, C. 271.) One lecture per week, session.....Professor Stansfield.

284. METALLURGICAL LABORATORY. (P. 262, C. 271.) One period per week, second term, arranged to illustrate 262 and 271. Professors Stansfield and Sproule.

GRADUATE COURSE FOR AVIATION OFFICERS. A course dealing with the properties and treatment of metals and alloys is offered to Officers of the Royal Canadian Air Force. It is given in the first term and consists of lectures, oral instruction, directed reading and laboratory work.—Professors Stansfield and Sproule and Mr. Roast.

Courses for the Degree of Master of Engineering

Graduate Courses are offered in Advanced Metallurgy, Electro-Metallurgy, Metallurgical Analysis and Metallography. For particulars of these see page 426.

P—Prerequisite. C—Concurrent. See page 271.

DEPARTMENT OF MINING ENGINEERING

PROFESSORS:—{WILBERT G. MCBRIDE
JOHN W. BELL

ASSISTANT PROFESSOR:—OSBURN NICHOLSON BROWN

DOUGLAS RESEARCH FELLOW:—DENISON DENNY

DAWSON RESEARCH FELLOW:—R. C. J. GOODE

HARRISON RESEARCH FELLOW:———————

Third Year.

291. MINING ENGINEERING. (C. 111, 112, 226.) Two lectures per week, first term. (See 297).....Professor McBride.

292. ORE DRESSING. (C. 142, 226.) Two lectures per week, second term. (See 300).....Professor Bell.

295. CRUSHING MACHINERY. (C. 226.) This precedes course 292. Two lectures per week, first term.....Professor Bell.

Text-books:—H. C. Hoover, Principles of Mining (McGraw-Hill); Taggart, Handbook of Ore Dressing (Wiley); Peele, Mining Engineers' Handbook (Wiley); Lewis, Elements of Mining (Wiley).

Fourth Year.

293. MINE MAPPING. (P. 353, 354.) One afternoon per week, first half of first term.....Professor Brown.

297. MINING ENGINEERING. (P. 226, 291.) Three lectures per week. Professors McBride and Brown.

298. MINING DESIGN. (P. 111, 112, 226, C. 297, 300.) Two drafting-room periods per week, second term..Professors McBride, Bell and Brown.

300. ORE-DRESSING. (P. 292.) Two lectures per week. Professors Bell and Brown.

301. MINING COLLOQUIUM. (C. 297, 300.) One hour per week in the second term is given to papers on work done in the department and to other matters relating to mining and ore-dressing.

305. ORE-DRESSING LABORATORY. (P. 292, C. 300.) One afternoon per week, first term.

306. ORE-DRESSING LABORATORY AND THESIS WORK. (P. 264, 307.) One day and one afternoon per week, second term.

P—Prerequisite. C—Concurrent. See page 271.

307. One afternoon per week, first term, leading to 306.

Text-books:—Hamilton, Manual of Cyanidation (McGraw-Hill); Rabone, Flotation Plant Practice (Mining Publications); Hager, Oil-field Practice (McGraw-Hill); Donaldson, Practical Shaft Sinking (McGraw-Hill); Brinsmade, Mining without Timber (McGraw-Hill); Downey, Timbering of Metalliferous Mines (Griffin); Ketchum, Design of Mine Structures (McGraw-Hill); Peele, Compressed Air Plant (Wiley); Richards and Locke, Text Book of Ore Dressing (McGraw-Hill); Julian and Smart, Cyaniding Gold and Silver Ores (Griffin); Megraw, Details of Cyanide Practice (McGraw-Hill); Coal Miners' Pocketbook (McGraw-Hill); T. J. Hoover, Concentrating Ores by Flotation (Mining Magazine); Mitke, Mining Methods (McGraw-Hill); Young, Working of Unstratified Mineral Deposits (Benn); Young, Elements of Mining (McGraw-Hill); Chapman and Mott, The Cleaning of Coal (Chapman & Hall), Bullman, The Working of Coal and Other Stratified Minerals (Benn); Baxter & Parks, Mine Examination and Valuation (Finnish Lutheran Book Concern); Hoover, The Economics of Mining (Stanford University Press); Year Book 1929, Coal Mine Mechanization (American Mining Congress); Weeks, The Ventilation of Mines (McGraw-Hill); Beards, Mine Gases and Ventilation (McGraw-Hill); Gaudins, Flotation (McGraw-Hill).

RESEARCH FELLOWSHIPS AND GRADUATE COURSES

Courses are offered for graduate students in mining and ore-dressing. (See page 427.)

There are three endowed Research Fellowships in the Department. These are assigned to graduates of the Department who show particular aptitude for advanced work.

FIELD SCHOOL IN MINING

294. (P. 141.) All students in Mining Engineering are required to attend the field class at the end of the Third Year.

The work is confined to an intensive study of one or more districts with possible visits to nearby districts. The student is guided by the staff and is required to work in a mine or ore-dressing plant for at least two months. He is also required to submit his notes and an essay on some phase of the work at the beginning of the Fourth Year.

Courses for the Degree of Master of Engineering

Graduate Courses are offered in Mining Engineering, Works Organization and Management, Settling of Finely Divided Minerals in Water, Filtration in Ore-Dressing and Cyanidation, Cyanidation of Gold and Silver Ores, Theory and Practice of Flotation, Fine Grinding and Mine Ventilation.

For particulars of these see page 427.

DEPARTMENT OF PHYSICS

DIRECTOR:—A. S. EVE

PROFESSORS:—L. V. KING, A. N. SHAW, D. A. KEYS, J. S. FOSTER

ASSOCIATE PROFESSOR:—H. E. REILLEY

ASSISTANT PROFESSOR:—W. H. WATSON

LECTURER IN ASTRO-PHYSICS:—A. V. DOUGLAS

SESSIONAL LECTURER:—H. G. I. WATSON
(1933-34)

DEMONSTRATORS:—F. R. TERROUX, J. KATZMAN, D. G. HURST, K. H. ROSS, S. SILLITOE
(1933-34)

INSTRUCTOR IN LABORATORY TECHNIQUE:—H. T. PYE

First Year (Architecture.)

GENERAL COURSE. (Arts and Science 1.) Two hours per week.—Professor Keys.

Text-book:—Kimball, College Physics (Holt).

LABORATORY COURSE. (Arts and Science 1.) Two hours per week—Professor Keys and Staff.

Text-book:—Mimeographed notes.

First Year.

311. HEAT, SOUND AND LIGHT. (Arts and Science 2.) (C. 312.) Two hours per week and weekly voluntary tutorial class.—Professor Shaw.

Text-book:—Duncan & Starling, Heat, Light and Sound (Macmillan).

312. LABORATORY COURSE. (Arts and Science 2.) (C. 311.) Two hours per week.—Professor Keys and staff.

Text-book:—Mimeographed notes.

Second Year.

315. ELECTRICITY AND MAGNETISM. (Arts and Science 3A.) (C. 316.) (P. 311.) Two hours per week.—Professor Eve.

Text-books:—Hadley, Magnetism and Electricity for Students, (Macmillan); Mimeographed notes.

316. LABORATORY COURSE. (Arts and Science 3A.) (P. 311, C. 315.) Two hours per week.—Professor Keys and staff.

Third Year.

318. ELECTRICITY. (Arts and Science 6C.) (P. 315.) Two hours per week; second term.....Professor Keys.

For Graduate Courses in Physics see page 433.

P—Prerequisite. See page 271.

307. One afternoon per week, first term, leading to 306.

Text-books:—Hamilton, Manual of Cyanidation (McGraw-Hill); Rabone, Flotation Plant Practice (Mining Publications); Hager, Oil-field Practice (McGraw-Hill); Donaldson, Practical Shaft Sinking (McGraw-Hill); Brinsmade, Mining without Timber (McGraw-Hill); Downey, Timbering of Metalliferous Mines (Griffin); Ketchum, Design of Mine Structures (McGraw-Hill); Peele, Compressed Air Plant (Wiley); Richards and Locke, Text Book of Ore Dressing (McGraw-Hill); Julian and Smart, Cyaniding Gold and Silver Ores (Griffin); Megraw, Details of Cyanide Practice (McGraw-Hill); Coal Miners' Pocketbook (McGraw-Hill); T. J. Hoover, Concentrating Ores by Flotation (Mining Magazine); Mitke, Mining Methods (McGraw-Hill); Young, Working of Unstratified Mineral Deposits (Benn); Young, Elements of Mining (McGraw-Hill); Chapman and Mott, The Cleaning of Coal (Chapman & Hall), Bullman, The Working of Coal and Other Stratified Minerals (Benn); Baxter & Parks, Mine Examination and Valuation (Finnish Lutheran Book Concern); Hoover, The Economics of Mining (Stanford University Press); Year Book 1929, Coal Mine Mechanization (American Mining Congress); Weeks, The Ventilation of Mines (McGraw-Hill); Beards, Mine Gases and Ventilation (McGraw-Hill); Gaudins, Flotation (McGraw-Hill).

RESEARCH FELLOWSHIPS AND GRADUATE COURSES

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FIELD SCHOOL IN MINING

294. (P. 141.) All students in Mining Engineering are required to attend the field class at the end of the Third Year.

The work is confined to an intensive study of one or more districts with possible visits to nearby districts. The student is guided by the staff and is required to work in a mine or ore-dressing plant for at least two months. He is also required to submit his notes and an essay on some phase of the work at the beginning of the Fourth Year.

Courses for the Degree of Master of Engineering

Graduate Courses are offered in Mining Engineering, Works Organization and Management, Settling of Finely Divided Minerals in Water, Filtration in Ore-Dressing and Cyanidation, Cyanidation of Gold and Silver Ores, Theory and Practice of Flotation, Fine Grinding and Mine Ventilation.

For particulars of these see page 427.

DEPARTMENT OF PHYSICS

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ASSISTANT PROFESSOR:—W. H. WATSON

LECTURER IN ASTRO-PHYSICS:—A. V. DOUGLAS

SESSIONAL LECTURER:—H. G. I. WATSON
(1933-34)

DEMONSTRATORS:—(1933-34) F. R. TERROUX, J. KATZMAN, D. G. HURST, K. H. ROSS, S. SILLITOE

INSTRUCTOR IN LABORATORY TECHNIQUE:—H. T. PYE

First Year (Architecture.)

GENERAL COURSE. (Arts and Science 1.) Two hours per week.—Professor Keys.

Text-book:—Kimball, College Physics (Holt).

LABORATORY COURSE. (Arts and Science 1.) Two hours per week—Professor Keys and Staff.

Text-book:—Mimeographed notes.

First Year.

311. HEAT, SOUND AND LIGHT. (Arts and Science 2.) (C. 312.) Two hours per week and weekly voluntary tutorial class.—Professor Shaw.

Text-book:—Duncan & Starling, Heat, Light and Sound (Macmillan).

312. LABORATORY COURSE. (Arts and Science 2.) (C. 311.) Two hours per week.—Professor Keys and staff.

Text-book:—Mimeographed notes.

Second Year.

315. ELECTRICITY AND MAGNETISM. (Arts and Science 3A.) (C. 316.) (P. 311.) Two hours per week.—Professor Eve.

Text-books:—Hadley, Magnetism and Electricity for Students, (Macmillan); Mimeographed notes.

316. LABORATORY COURSE. (Arts and Science 3A.) (P. 311, C. 315.) Two hours per week.—Professor Keys and staff.

Third Year.

318. ELECTRICITY. (Arts and Science 6C.) (P. 315.) Two hours per week; second term.....Professor Keys.

For Graduate Courses in Physics see page 433.

P—Prerequisite. See page 271.

COURSE IN ENGINEERING PHYSICS

This course is intended to train men for research or academic positions. It is available to

(1) students in the Faculty of Arts and Science entering their third year who have satisfactorily completed the second year Honour Course in Mathematics and Physics.

and (2) students in Engineering who have completed the first and second years with first or second class standing in Mathematics and Physics, subject to the approval of the Chairmen of the Departments of Electrical Engineering and Physics.

Third Year.

Mathematics. 6 & 7.
Physics. 5A, 5B, 6B (or 8B).
Electrical Engineering. 113, 114.

Fourth Year.

Mathematics. 10 or 11.
Physics. 6A, 7A, 7B, 8A, and 8B (or 6B).
Summer Thesis or Shop Work.

The student may now receive the B.Sc. degree with Honours in Mathematics and Physics. In his fifth year he may either proceed towards the M.Sc. degree taking some of the fourth year Electrical Engineering courses as advised by the Chairmen of the Departments of Physics and Electrical Engineering; or, if he has completed the first and second years in Engineering, he may proceed to the degree of Bachelor of Engineering in Electrical Engineering, taking such subjects of the third and fourth year courses in Electrical Engineering as are approved by the Faculty of Engineering.

DEPARTMENT OF SURVEYING AND GEODESY

ASSOCIATE PROFESSOR:—A. J. KELLY
ASSISTANT PROFESSOR:—JAMES WEIR

Second Year.

346. SURVEYING. (P. 191.).....Professor Kelly.
Text-book:—Davis, Foote and Rayner, Surveying (McGraw-Hill).

347. FIELD WORK.

348. MAPPING.

Third Year

351. MAP PROJECTIONS.....Professor Weir.
Text-book:—Hinks, Map Projections (Cambridge Univ. Press).

P—Prerequisite. C—Concurrent. See page 271.

352. SURVEYING. (P. 346, 347.).....Professor Kelly.
Text-books:—Davis, Foote and Rayner, Surveying (McGraw-Hill); Durham, Mine Surveying (McGraw-Hill).

353. SURVEYING. (P. 346, 347.).....Professor Weir.
Text-books:—Breed and Hosmer, Principles and Practice of Surveying, Vol. II (Wiley); Hosmer, Practical Astronomy (Wiley).

354. FIELD WORK. (P. 346, 347.)

Fourth Year

359. GEODESY. (P. 353.).....Professor Weir.
Text-book:—Hosmer, Geodesy (Wiley).

361. FIELD WORK. (P. 353, 354.)

360. GEODETIC LABORATORY. (C. 359.)

FIELD WORK

Field work is required of all students entering the Second Year, of students entering the Third Year in the courses in Civil and in Mining Engineering, and of students entering the Fourth Year course in Civil Engineering. The work will begin in 1935 on April 29th and will continue for four weeks.

Students entering Second and higher Years from other Universities or from other Faculties, who cannot attend the above courses in Field Work, must attend Special Summer Schools, details of which are given on page 238.

DEPARTMENT OF PHYSICAL EDUCATION

DIRECTOR, DEPARTMENT OF PHYSICAL EDUCATION:—ARTHUR S. LAMB
UNIVERSITY MEDICAL OFFICER:—F. W. HARVEY
ATHLETICS MANAGER:—D. S. FORBES
TRACK COACH AND ASS'T PHYSICAL DIRECTOR:—F. M. VAN WAGNER
ASSISTANT PHYSICAL DIRECTOR:—HAY FINLAY

At the time of his medical examination (see p. 100), each student is asked to fill in a card indicating his choice of physical activity, which he will be allowed to follow unless debarred for medical reasons, in which case he is given a further choice among other recognized but less strenuous forms of exercise or does gymnasium work as the case may require.

P—Prerequisite. C—Concurrent. See page 271.

Physical education is compulsory for all students of the first two years. Two hours per week are devoted to it.*

Any student participating in competitive athletics may be excused from other forms of exercise during the season of training at the option of the Director.

Not less than one month before the conferring of degrees, the Director furnishes to the Registrar of the University, for transmission to Corporation and the Faculty, a list of all students, being candidates for degrees at the forthcoming Convocation, who have failed to satisfy the requirements of the Committee on Physical Education, and no Diploma for a degree is issued to any such candidate except by express direction of Corporation.

No student in default is allowed to proceed to the next year of his course unless exemption is granted for special reasons on the recommendation of the Faculty and approved by the Committee on Physical Education.

All students in good standing who are taking a course of study held to be sufficient by a special committee of the Faculty are allowed to take part in athletics, subject, however, to the general regulation regarding medical examination.

Suspension from lectures, or absence from more than one-eighth of the total number of lectures in any course, is sufficient to disqualify a student from engaging in athletic contests.

During the session and the Christmas holidays, all teams and individual students *desiring to participate in "outside athletics"*† must first apply to the Captain or Manager of the club concerned, who must secure the permission of the Athletics Manager, by whom all such sanctions are granted.

Should any student take part in any athletic contest, who has not been sanctioned as above, or who is not qualified under the regulations regarding eligibility, medical examination, etc., such student is immediately debarred from participation in all University athletics. He is reported to the Athletic Board, which, if it sees fit, may request the offender to withdraw from the University, if the consent of the Principal has been given, until Corporation meets to deal with the matter.

(For further regulations see handbook published by the Athletic Board.)

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*NOTE.—Owing to lack of accommodation this requirement is suspended for the session 1934–35.

†"Outside Athletics" are athletics not under the control of the Athletic Board of the University or of the Intercollegiate Athletic Union.

REGULATIONS CONCERNING PREREQUISITE SUBJECTS, STANDING AND PROMOTION

(1) Students proceeding to a degree are classed as Undergraduates or Conditioned Undergraduates. Undergraduates are those who, having passed all entrance requirements, have also at the close of any session passed the examinations in all the subjects of their course, or who, at the opening of the following session, have removed all conditions by passing supplemental examinations in the subjects in which they had failed. Conditioned Undergraduates are those who have failed to remove all of their conditions as above.

(2) No student proceeding to a degree is allowed to take any subject unless he has previously passed, or secured exemption in, all prerequisite subjects.

(3) No undergraduate conditioned in any entrance requirement is permitted to register for any Second Year course nor is any undergraduate conditioned in any First or Second Year subject permitted to register for any Third or Fourth Year courses.

(4) Conditioned Undergraduates proceeding to a degree must follow a course of study approved by the Faculty on the recommendation of the Committee on Registration, Standing and Promotion. They may be required to repeat subjects in which they have passed, but in which their standing has been low.

(5) Partial students are those who are not proceeding to a degree. Such students may be admitted to classes without regard to the prerequisite rule, provided that they have obtained the permission of the head of each department concerned, and that their courses are approved by the Committee on Registration, Standing and Promotion.

(6) If a partial student wishes to obtain undergraduate standing in order to proceed to a degree, he will not be given credit for subjects taken in contravention of the prerequisite rule, until he has also passed examinations or secured exemptions in such prerequisites as may be demanded by the Committee on Registration, Standing and Promotion, and, on the recommendation of this Committee, has had his case approved by a unanimous vote of the Faculty.

(7) Partial students are not eligible to take supplemental examinations.

(8) No Fourth Year student is allowed a supplemental or special supplemental examination in any subject in the period between the opening of the second term and the date of Convocation.

FACULTY OF MEDICINE

HISTORICAL SUMMARY

1821-1934

1744	James McGill, born October 6th (Founder's Day). Died 1813.
1801–02	Royal Institution for Advancement of Learning contemplated by Provincial Act of Parliament.
1811	Will by James McGill leaving landed estate and £10,000 to Royal Institution for Advancement of Learning for founding a University.
1818	Royal Institution for Advancement of Learning incorporated. Montreal General Hospital opened on original site on St. Lawrence Street.
1821	Royal Charter granted to the Royal Institution for the Advancement of Learning for the foundation of McGill College. Cornerstone of new Montreal General Hospital laid.
1822–24	Montreal Medical Institution organized as a Medical School by Officers of Montreal General Hospital. At opening lecture at No. 20 St. James Street on October 28, 1924, there were four teachers and twenty-five students.
1829	Estate of James McGill surrendered by residuary legatee. First meeting of Governors at Burnside House. Montreal Medical Institution "engrafted upon" McGill University as its Medical Faculty. First session of Faculty of Medicine.
1831	Medical Faculty petitioned Legislature for permission to grant degrees, and framed statutes to fulfil conditions of charter for same by order of Solicitor-General.
1832	Statutes approved and permission to confer degrees granted to Medical Faculty, and Professorships granted by Crown to Drs. Holmes, Caldwell, Robertson and Stephenson.
1833	First University degree conferred in Medical Faculty upon W. Logie.
1836–37	Faculty removed to building next to present Bank of Montreal.
1840	Faculty removed to St. George Street.
1842	Arts Building erected on University grounds, where medical lectures were held 1845–51.
1852	Faculty removed to Côté Street.
1855	Sir William Dawson appointed Principal.
1860	Geo. W. Campbell appointed Dean, serving until 1882.
1872	First independent Medical Faculty building on University ground. Graduation of William Osler.

1882 Geo. W. Campbell Memorial Fund for Medical Faculty ($50,000); Leanchoil Endowment Fund for Medical Faculty (Lord Strathcona, $50,000).
R. P. Howard appointed Dean.

1885 New laboratories erected in Medical Building (Lord Strathcona, $100,000).

1889 Robert Craik appointed Dean—George Ross, Vice-Dean.

1893 Pathological Laboratory erected (John H. R. Molson, $60,000); Chairs of Hygiene and of Pathology endowed (Lord Strathcona, $100,000).

Mrs. Mary Dow Endowment Fund presented to Medical Faculty ($10,000).

1894 Royal Victoria Hospital opened (Lord Mount-Stephen and Lord Strathcona).

1895 Sir William Peterson appointed Principal.

1898–01 Medical Faculty Building reconstructed and enlarged with new laboratories, etc. (Lord Strathcona, $100,000).
Joseph Morley Drake Chair of Physiology founded ($25,000).

1901 Thomas G. Roddick appointed Dean.

1906 Alexandra Hospital for Infectious Diseases opened.

1907 Medical Building partly destroyed by fire.

1908 F. J. Shepherd appointed Dean.

1909–11 New Medical Building (as at present) erected. (Lord Strathcona, $450,000).

1911 Robert Reford endowment of Department of Anatomy ($100,000).
Arthur A. Browne Memorial Fund for Research established ($10,000).
Dr. James Douglas research fellowship in Pathology founded ($25,000).

1912 Eddie Morrice Laboratory of Pharmacology opened (D. Morrice, $14,000).

James Cooper Endowment Fund established for Internal Medicine ($60,000).

1913 Graduates of the Faculty of Medicine subscribed $12,566 to meet fire loss.

1914 H. S. Birkett appointed Dean.
No. 3 (McGill) General Hospital organized for Overseas service.

New Foundling Hospital opened.

1916 Ross Memorial Pavilion (J. K. L. Ross), opened by H.R.H. Duke of Connaught.

1917 Geo. Ross Endowment Fund for Medical Faculty presented.

1919 Sir William Macdonald bequeathed $500,000 to Medical Faculty. Faculty of Dentistry established. Osler Library (of the history of medicine and science) bequeathed to the Faculty of Medicine by Sir William Osler.

1920 Sir Arthur Currie appointed Principal.
Dr. J. W. Scane appointed Assistant Dean.

1921 Centenary Celebration.
Friends and Graduates of McGill donated $4,000,000 to University.
Province of Quebec donated $1,000,000 to University.
Rockefeller Foundation granted $1,000,000 to Medical Faculty.
F. G. Finley appointed Dean.

1922 Laboratories for Biological Sciences opened.
Geo. E. Armstrong appointed Dean.
New Outpatient Department erected at Royal Victoria Hospital.

1923 Pathological Institute erected.
C. F. Martin appointed Dean.

1924 Rockefeller Foundation gave $500,000 to Medical Faculty to establish University Clinic in Department of Medicine at Royal Victoria Hospital.
Amalgamation of Western Hospital with the Montreal General Hospital.

1925 Erection of Royal Victoria-Montreal Maternity Pavilion.
Roddick Memorial Gates opened.

1926 Closing of old Montreal Maternity Hospital.

1927 Sub-department of Industrial Medicine formed, with Industrial Clinic at the Montreal General Hospital. (Grant of $25,000 from Metropolitan Life Insurance Company).
Inter-Hospital Commission formed for purposes of administration.

1929 Opening of new laboratory building for Experimental Surgery
Rockefeller Foundation gave $85,000 for research in Surgery.

1932 Gift of $1,232,652 from the Rockefeller Foundation for the Department of Neurology and Neurosurgery.

1932 New building of Royal Edward Institute for Tuberculosis opened and affiliated with McGill University.

1933 Montreal Foundling and Baby Hospital taken over by Children's Memorial Hospital.

OFFICERS AND MEMBERS OF THE FACULTY SINCE ITS ORIGIN

DEANS

Dr. R. Robertson, official head of the Montreal Medical Institution, 1823, was followed by Dr. John Stephenson in 1829 as Registrar and official head of the Faculty up to 1842, when he was succeeded by Dr. A. F. Holmes with the title of Secretary.

A. F. Holmes, 1854.
Geo. W. Campbell, 1860.
R. P. Howard, 1882.
Robert Craik, 1889.
George Ross (Vice-Dean), 1889.
Thomas G. Roddick, 1901.
Francis J. Shepherd, 1908.
Herbert S. Birkett, 1914.
F. G. Finley, 1921.
George E. Armstrong, 1922.
C. F. Martin, 1923.

REGISTRARS

John Stephenson, 1829.
Archibald Hall, 1842.
William Wright, 1864.
Robert Craik, 1869.
William Osler, 1877.
F. J. Shepherd, 1883 (Acting).
James Stewart, 1884.
R. F. Ruttan, 1891.
E. M. Eberts, 1902.
(J. W. Scane, Assistant Dean, 1920–1922).

Registrarship abolished–1923

SECRETARY

J. C. Simpson, 1923.

MEDICINE

Chair of Medicine
(Founded 1824)

William Caldwell, 1824.
William Robertson, 1833.
Andrew F. Holmes, 1842.
R. P. Howard, 1860.
George Ross, 1889.
James Stewart, 1893.

Chair of Clinical Medicine
(Founded 1845)

James Crawford, 1845 and 1852.
Robt. L. MacDonnell, 1849.
Stephen C. Sewell, 1850.
R. P. Howard, 1856.
Duncan C. MacCallum, 1860.
Joseph M. Drake, 1872.
George Ross, 1872.
Richard L. MacDonnell, 1889.
James Stewart, 1891.

Chair of Medicine and Clinical Medicine
(Founded 1907)
(*Chair of Medicine since 1923*)

F. G. Finley, 1907–1924.
H. A. Lafleur, 1907–1919.
C. F. Martin, 1907.
J. C. Meakins,
Professor and Director, 1924.
C. P. Howard, 1924.
W. F. Hamilton, 1924-1933.

SURGERY

Chair of Surgery
(Founded 1824)

John Stephenson, 1824.
G. W. Campbell, 1835.
Geo. E. Fenwick, 1875.
T. G. Roddick, 1890.

Chair of Clinical Surgery
(Founded 1840)

James Crawford, 1845.
William E. Scott, 1852.
Duncan C. MacCallum, 1856.
Robert Craik, 1860.
George E. Fenwick, 1867.
Thomas G. Roddick, 1876.
James Bell, 1894.

Chair of Surgery and Clinical Surgery
(Founded 1907)
(*Chair of Surgery since 1923*)

James Bell, 1907–1911.
Geo. E. Armstrong, 1907–1923.
J. A. Hutchison, 1913–1923.
E. W. Archibald,
Professor and Director, 1923.
A. T. Bazin, 1923.
E. M. Eberts, 1929.

OBSTETRICS AND GYNAECOLOGY

Chair of Obstetrics
(Founded 1824)

William Robertson, 1824.
John Racey, 1833.
Geo. W. Campbell, 1835.
Michael McCulloch, 1842.
Archibald Hall, 1854.
D. C. MacCallum, 1868.
Arthur A. Browne, 1883.
J. Chalmers Cameron, 1886.

Chair of Gynæcology
(Founded 1883)

William Gardner, 1883.
W. W. Chipman, 1910.

Chair of Obstetrics and Gynæcology
(Founded 1913)

W. W. Chipman, 1913–1929.
J. R. Fraser, 1929 Professor and Director.
H. M. Little, 1929.

ANATOMY

(Chair founded 1824)

John Stephenson, 1824.
Oliver T. Bruneau, 1842.
William E. Scott, 1856.
Francis J. Shepherd, 1883.
A. C. Geddes, 1913.
S. E. Whitnall, 1919

CHEMISTRY

Chair of Chemistry
(Founded 1824)

Andrew F. Holmes, 1824.
Archibald Hall, 1842.
William Sutherland, 1849.
Robert Craik, 1867.
Gilbert P. Girdwood, 1879.
R. F. Ruttan, 1902–1928.

Chair of Practical Chemistry
(Founded 1872)

Gilbert P. Girdwood, 1872.
R. F. Ruttan, 1894.

BIOCHEMISTRY

Chair of Bio-Chemistry
(Founded 1920)

A. B. Macallum, 1920.
J. B. Collip, 1928.

INSTITUTES OF MEDICINE

Chair of Institute of Medicine

(Founded 1824 and included the Departments of Physiology, Histology and Pathology)

John Stephenson, 1824.
Stephen C. Sewell, 1842.
Robert L. MacDonnell, 1845.
William Fraser, 1849.
Joseph M. Drake, 1868.
William Osler, 1874.

PHYSIOLOGY

(Founded 1824—endowed 1897)

Wesley Mills, 1886.
N. H. Alcock, 1911.
G. R. Mines, 1914.
John Tait, 1919.
Boris P. Babkin
(Research Professor), 1928.

HISTOLOGY

George Wilkins, 1883–1907.
J. C. Simpson, 1910.

PATHOLOGY

(Founded 1892—endowed 1893)

J. Geo. Adami, 1892.
H. Oertel, 1919.

PHARMACOLOGY

Chair of Pharmacology and Therapeutics
(Founded 1824)

Andrew F. Holmes, 1824.
Archibald Hall, 1835.
Stephen C. Sewell, 1842.
A. Hall, 1849.
William Wright, 1854.
James Stewart, 1883.
A. D. Blackader, 1891.

Chair of Pharmacology

H. G. Barbour, 1921.
R. L. Stehle, 1924.

BOTANY

(Chair founded 1829)

Andrew F. Holmes, 1829.
Dr. Papineau, 1845.
J. W. Dawson, 1855–56 and 1858–83.
James Barnston, 1857–58.
D. P. Penhallow, 1883–1912.
F. E. Lloyd, 1912-1934

MEDICAL JURISPRUDENCE

(Chair founded 1845)

William Fraser, 1845.
Francis Badgley, 1849.
Francis C. T. Arnoldi, 1850.
William E. Scott, 1851.
William Wright, 1852.
R. Palmer Howard, 1854.
Duncan C. MacCallum, 1860.
George E. Fenwick, 1867.
William Gardner, 1875.
George Wilkins, 1883.
D. D. MacTaggart, 1911-1929.

HYGIENE AND PUBLIC HEALTH

(Chair founded 1871—endowed 1893)

George Ross, 1871.
Thomas G. Roddick, 1873.
Robert T. Godfrey, 1875.
William Gardner, 1879.
R. L. MacDonnell, 1886.
Robert Craik, 1889.
Wyatt Johnston, 1902.
T. A. Starkey, 1902.
A. G. Fleming, Professor and Director of the Department of Public Health and Preventive Medicine, 1926.

OPHTHALMOLOGY AND OTO-LARYNGOLOGY

Chair of Ophthalmology and Otology
(Founded 1883)

FRANK BULLER, 1883.

Chair of Laryngology
(Founded 1893)

G. W. MAJOR, 1893. H. S. BIRKETT, 1895.

Chair of Oto-Laryngology

H. S. BIRKETT, 1895–1931. E. HAMILTON WHITE, 1931.

Chair of Ophthalmology

J. W. STIRLING, 1906. W. G. BYERS, 1923.

ZOOLOGY

E. W. MACBRIDE, 1902–1910 ARTHUR WILLEY, 1910–1932

HISTORY OF MEDICINE

ANDREW MACPHAIL, 1907.

BACTERIOLOGY

F. C. HARRISON, 1928–1930 E. G. D. MURRAY, 1930

NEUROLOGY AND NEUROSURGERY

(Founded 1932)

W. G. PENFIELD, 1932.

FACULTY OF MEDICINE

The one hundred and second session of the Faculty will open on September 19th, 1934.

ENTRANCE REQUIREMENTS

A sound general education is an essential foundation for professional training and a four-year course leading to a B.A. or B.Sc. degree is considered the most desirable preparation for the study of medicine. Preference will be given, therefore, to applicants who have had a full academic course in which the humanistic studies have not been sacrificed to a narrow scientific specialization.

Candidates without a degree should have at least three years of college work. In exceptional cases applications may be received from students who have completed two years of work in a recognized college or faculty of Arts, provided they present certificates that they have scholastic standing placing them in the first third of their class.

It is distinctly to be understood that the Faculty does not undertake to accept all students who have passed the courses necessary to fulfil the requirements. It reserves the right to select for admission only those candidates who, in the opinion of the Committee on Admissions, give promise of work of high quality in the medical course.

All applicants must present satisfactory evidence that their college courses include the following:—

Physics—One year of general college Physics with laboratory work.

Biology—One year of General Biology and Zoology with laboratory work. One half-year of Botany and one half-year of Zoology will be accepted, but not one year of Botany alone.

Chemistry:—Two years:—

(a) One full course of General Chemistry with laboratory work.

(b) One full course of Organic Chemistry with laboratory work.

Students who wish to pursue their preliminary course at McGill may register as regular undergraduates in the Faculty of Arts and Science and should apply for admission to the Faculty of Medicine at the end of their third year or preferably on graduation.

Candidates for admission to the Faculty of Medicine must also present evidence that they have satisfied the matriculation requirements of the Licensing Body of the Province to which they belong. (For further particulars see "Requirements for Licence to Practise," p. 292.)

APPLICATION FOR ADMISSION

Application for admission to the Faculty of Medicine must be made upon the regular application form which may be obtained from the Secretary of the Faculty.

As the number of students in each class is limited, application should be made early and in any case not later than July 1st.

A fee of $25.00 is payable by the applicant within ten days of the receipt of notice that he has been accepted for admission. If the applicant registers within the prescribed registration period in September, this fee will be credited on his University fees. If he fails to register, the fee lapses, and will be used by the University to meet the cost of its administration and overhead charges in caring for applicants who do not finally register.

A personal interview with the Dean or Secretary of the Faculty, when possible, is advisable.

APPLICATION FOR EQUIVALENT STANDING

A student of another Medical School who desires to be admitted to the Faculty of Medicine of this University with equivalent standing is required to submit to the Secretary of the Faculty an official statement of his preliminary education and of the course he has followed and the standing he has obtained. This should be accompanied by a Calendar of the Medical School in which he has studied, giving a full statement of the courses of study, and by a certificate of moral character and conduct.

REGISTRATION

Students in the Faculty of Medicine will register at the Registrar's Office for the session 1934-35 on September 12th to September 18th, 1934. Those who register after September 18th will be required to pay a late registration fee of $5.00 if they do so during the first week of the session and $10.00 if during the second. The fee will not be refunded except for satisfactory reasons and by authorization of the Faculty. No student will be admitted after the fifteenth day of the session except by special permission of the Faculty.

FEES

TUITION FEES:

1. Annual undergraduate fee for British students..... $275.00
   By instalments: Each of two instalments..... 140.00
   Annual undergraduate fee for Non-British students..... 350.00
   By instalments: Each of two instalments..... 177.50

2. Undergraduates repeating a year pay one half the regular tuition fee. This includes dissecting material, chemical reagents, laboratories, etc.

3. Qualified partial students are admitted to one or more courses on payment of special fees.

4. The fee for the graduate course in Public Health, including laboratory and outdoor work, is $110.00 for British and $140.00 for Non-British students.

OTHER UNIVERSITY FEES:

5. Registration (British)..... $5.00
   Registration (Non-British)..... 10.00
   The Registration Fee is paid only once—when the student first enters the University.
   Late registration, after September 19th..... 5.00
   Late registration, after September 26th..... 10.00
   Supplemental Examinations, each paper..... 10.00
   Receipts for supplementals must be shown to the Dean's Office before the examination.
   Annual Health Service (see page 100)..... 5.00
   Graduation (British)..... 10.00
   Graduation (Non-British)..... 15.00
   Duplicate Graduation Diploma..... 10.00
   Certified copy of student's record..... 1.00
   Conferring degree *in absentia*..... 10.00
   Ad eundem fee for students from another university entering any year above the First..... 10.00
   Fine for late medical examination (see page 100).....$5.00 or 10.00

6. *Caution Money.* Every student is required to make a deposit of $10.00 as Caution Money to cover damage done to furniture, apparatus, books, etc. This amount, less deductions, is returned at the close of the session.

STUDENTS' ACTIVITIES:

7. A sessional fee of $18.00 is payable by all men undergraduates and $13.00 by all women undergraduates, for the support of student organizations, for the rinks and tennis courts and for admission to all home games under the control of the Athletic Board.

8. Partial students pay $3.00 for athletics and athletic grounds. If they desire such of the privileges of Section 7 as are open to them, an additional $10.50 is charged for men students and $8.50 for women students.

GENERAL REGULATIONS:

9. Fees are due and payable at the Bursar's Office between the hours of 9 a.m. and 1 p.m. on the following dates:—

   Thursday, September 20th
   Friday, September 21st
   Saturday, September 22nd (9 a.m. to 12 noon)

   or, if desired, fees may be remitted by mail before the above dates. The second instalment of tuition fees is due and payable on February 1st. An additional $2.00 is charged for payment after the specified dates.
10. Students registering late pay their fees at the time of registration failing which they become subject to the provisions of Regulation 9.
11. Any student who fails to pay his fees within a month of the prescribed date is suspended until all the fees due have been paid.
12. All fees are payable in Canadian currency.
13. Domicile will in general determine whether a student pays the British or, Non-British fees. A student who is uncertain which rate he will be required to pay should consult the Registrar.

UNIVERSITY LOAN FUND

A Student Loan Fund has been established by the University to assist needy students in the upper years of all Faculties. Loans are made only to students with good academic standing.

For further particulars students should consult the Dean of the Faculty.

MICROSCOPES

Each student, on beginning his studies, is required to provide himself with a first-class microscope for laboratory and private study throughout his course. The microscope must be of substantial construction and be provided, as a minimum, with the following accessories:—2/3, 1/6, and 1/12 oil immersion objective, and a substage condenser. Such an instrument will last a lifetime and is an essential part of the equipment of a practitioner in medicine.

STUDENTS' EXPENSES

1. BOARD AND RESIDENCE

No college residences have as yet been erected for men students, but dormitory accommodation for about 60 men is provided in Strathcona Hall, the home of the Student Christian Association of McGill University. Full particulars concerning terms of residence, etc., may be obtained from the Secretary of the Association, 772 Sherbrooke Street West, Montreal, who will also make arrangements to have students who are strangers to the city met on arrival and helped to secure lodgings, if due notice is sent of the station and time at which they will arrive.

The University Lodgings Committee issues annually a list of lodgings and boarding houses which have been inspected and approved. This list, which gives prices of rooms and meals, may be consulted in the Registrar's Office, in the Medical Building, in the Students' Union or in Strathcona Hall.

Board and lodging can be obtained in private houses in the vicinity of the University buildings at a cost of $35 to $60 per month; or separately, board from $25, and a room from $12 upwards per month.

Board is furnished in the McGill Union at low rates. The dining room, accommodates over 120 students. There is also a lunch counter.

2. APPROXIMATE ESTIMATE OF ANNUAL COST FOR A BRITISH STUDENT

	Minimum	Moderate
Tuition Fees	$275.00	$275.00
Fee for Athletics, Union, etc	18.00	18.00
Other fees (average)	8.00	8.00
Board and Lodging	300.00	500.00
Books, Instruments, etc	153.00	173.00
	$754.00	$974.00

It will be noted that in the above estimate no account is taken of personal expenses, such as cost of clothes, laundry, etc., nor yet of the caution money deposit of $10.00 which is made by each student at the commencement of the session. Students are advised also to reckon on at least $20.00 to $25.00 per annum for subscriptions of various kinds.

COURSE FOR THE M.D., C.M. DEGREE AND EXAMINATIONS

Certain fundamental changes have been initiated in the curriculum, rendering it much more flexible, more balanced and affording the student a certain freedom of choice. Thereby, too, the student assumes more responsibility for his own education. Incidentally he is relieved from an over-crowded curriculum in order to have more time for independent thought and work.

While a certain sequence of courses is essential to a well-ordered curriculum, he will no longer be passed on from year to year in lock step, but may assume greater latitude in the selection of the form and matter of study, and to some extent, too, in the choice of clinical teachers.

A. THE MEDICAL COURSE

The Academic year is divided into three terms of ten weeks and the minimum period of study required for the degree is fifteen terms (five years).

The subjects comprised in the medical course are arranged in two groups:

The Preclinical Group:

Anatomy.
Histology and Embryology.
Biochemistry.
Physiology.
Pharmacology.

The Clinical Group:

Bacteriology.
Pathology.
Public Health and Preventive Medicine.
Medicine (including Pædiatrics, Neurology, Psychiatry, Dermatology and Laboratory Diagnosis).
Surgery (including Urology and Orthopædic Surgery).
Obstetrics and Gynæcology.

Ordinarily, the preclinical subjects occupy two years and the clinical group three years of the course.

In each group the courses offered are of two kinds:

Required Courses covering the ground which is essential to the training of a medical practitioner.

Elective Courses designed to give a broader and deeper training in the major subjects and the specialties.

The required courses are arranged in such a manner that a considerable amount of the student's time is left free for independent study and for elective courses in the pre-clinical and clinical subjects.

The required subjects of each group will ordinarily be taken in a definite sequence but qualified students may be allowed to arrange their schedule in accordance with their interests and previous training.

B. EXAMINATIONS

1. *Final or University Examinations* will be held in each major required subject of the curriculum. Grades attained in these examinations will be entered in the students' records, and will be the only grades used in determining aggregate standing.

To qualify for the University examinations the student must have fulfilled the following conditions:

Anatomy: must have completed three terms of instruction in the subject and have passed all the required course examinations.

Histology and Embryology: must have satisfactorily completed three terms of instruction in the subject and have passed all required course examinations.

Physiology: must have satisfactorily completed five terms of instruction and have passed all required course examinations.

Biochemistry: must have completed two terms of instruction and have passed all course examinations in the subject.

Pharmacology: must have satisfactorily completed one term of instruction.

Bacteriology: must have completed a course in Bacteriology *and* must have taken at least six terms of clinical instruction.

Pathology: must have completed at least six terms of work in the subject.

Public Health: must have completed the course and have taken at least four terms of clinical instruction.

Medicine: the *written* examination may be taken at any time after completion of six terms of clinical instruction, including three terms in Medicine. The *practical* examination may be taken on completion of nine terms of clinical instruction.

Surgery: the *written* examination may be taken at any time after completion of six terms of clinical instruction, including three terms in Surgery. The *practical* examination may be taken on completion of nine terms of clinical instruction.

Obstetrics: both written and practical examinations may be taken on the completion of nine terms of clinical instruction.

2. *Departmental or Course Examinations*, i.e., examinations held during, or at the conclusion of individual courses in any subject and for the purpose of determining the students' progress and fitness to proceed in a given subject.

The following special regulations have been adopted in respect to course examination in the clinical subjects:

1. *Pathology*—A course examination on the termination of the course in General Pathology (9th term).
2. *Medicine*—At the end of each term the group teachers shall report on the progress made by each student in their groups; in addition to this, there shall be a written examination at the end of the 3rd and an oral examination at the end of the 4th year. Written examinations in Pædiatrics, Therapeutics, and Psychiatry will be held during the 4th year.
3. *Surgery*—At the end of each term the group teachers shall report on the progress made by each student in their groups; in addition to this, there shall be a written examination at the end of the fourth year.
4. *Obstetrics*—An oral examination at the end of the course of didactic lectures in the 3rd year; and an oral and practical examination at the end of each term in the 4th year.

To qualify for the Final Examinations leading to the degree, a student must have passed the course examinations in the required subjects of the clinical group, and must have satisfactorily completed the prescribed courses of study and practice in:

I. Ophthalmology.
II. Oto-Laryngology.
III. Psychiatry.
IV. Infectious Diseases.
V. Anæsthesia.
VI. Pathological Anatomical Technique and methods of Post Mortem Examination and Diagnosis.
VII. Public Health Survey.

The Final Examinations in Medicine, Surgery and Obstetrics must all be passed at one time, but a student who fails in one of these subjects only may, at the discretion of the Faculty, be allowed a re-examination in that subject at the next regular examination period, provided that he shall have satisfactorily completed such additional work as may be prescribed by the Head of the Department concerned.

The Faculty reserves the right to require the withdrawal of any student at any time if, in the opinion of his instructors, he is incompetent.

At the end of the Spring Term, the Promotion Committee will consider the cases of all students who at the conclusion of their third term are reported by their instructors as having fallen below the grade of C and shall determine whether such students are to be allowed to continue, warned, required to repeat the course or courses, or to retire from the Faculty.

NOTE:—The "Required Courses," together with suitable "Elective Courses" in the second year, will qualify a candidate for the First (Primary) Examination for Fellowship in the Royal College of Surgeons of England and for the Primary Examination for Fellowship in the Royal College of Physicians and Surgeons of Canada.

C. GRADING

At the conclusion of each course, students will be graded in five groups, as follows:—

A = Excellent
B = Good
C = Fair
D = Doubtful
E = Failure

In reporting the grading, the names of those students who attain "A" standing shall be arranged in order of merit; in all other grades the arrangement shall be alphabetical.

The grade assigned to a student shall be based upon the result of the Final Examination, but the instructor will also take into account the record of the work done throughout the course.

The quality of the English used by a candidate will be taken into account in determining his standing in all examinations.

MEDALS, PRIZES, FELLOWSHIPS AND SCHOLARSHIPS

MEDALS

The Holmes Gold Medal, founded by the Medical Faculty in the year 1865, as a memorial of the late Andrew Holmes, Esq., M.D., LL.D., one time Dean of the Faculty of Medicine, is awarded to the student graduating with the highest aggregate number of marks in the different branches comprised in the medical curriculum.

The student who wins the Holmes Medal has the option of exchanging it for a bronze medal and the money equivalent of the gold medal.

The Wood Gold Medal, founded by Casey A. Wood, M.D., LL.D., awarded to the student graduating with the highest aggregate number of marks in the clinical examinations of the Final Year. The winner of the Holmes Medal is not permitted to compete for this medal.

The Sutherland Gold Medal, founded in 1878 by the late Mrs. Sutherland, in memory of her late husband, William Sutherland, M.D., formerly Professor of Chemistry in this Faculty, is awarded for the best examination in Biochemistry, together with a creditable examination in the primary branches.

The Lieutenant-Governor's Silver Medal, to be awarded to the student of the final year, who in the opinion of the head of the Department of Public Health and Preventive Medicine, is most proficient in that subject.

The Lieutenant-Governor's Bronze Medal, to be awarded to the student who obtains the highest standing in the Final Examination in Physiology.

PRIZES

The Joseph Hils Prize. (Founded by the late Dr. Joseph Hils, of Woonsocket, R.I.)—A prize in books, awarded to the student who obtains the highest number of marks in the subject of Pharmacology.

The Joseph Morley Drake Prize. (Founded by the late Joseph Morley Drake, M.D.).—A prize in books, to be awarded to the student who obtains the highest number of marks at the Final Examination in Pathology.

Primary Prize. A prize in books awarded for the best aggregate standing in the subjects of the first division (Anatomy, Histology, Physiology, Biochemistry).

The F. Slater Jackson Prize. An annual prize of $50.00, founded by Mr. and Mrs. H. F. Jackson in memory of their son, the late F. Slater Jackson, M.D. The prize is awarded on the result of a special examination, written and oral, in Histology and Embryology.

The Alexander D. Stewart Prize. An annual prize in books, founded by the late W. Grant Stewart (Arts 1885, Med. 1888) in memory of his brother, the late Alexander D. Stewart (Med. 1888), to be awarded to the member of the graduating class who, in the opinion of the Faculty, presents in every respect the highest qualifications to practise his profession.

Jeanie Forsyth Prize. Under the will of the late Miss Jeanie Forsyth the interest on $1,000 is awarded each year "to a worthy and needy student" who, upon graduation, has shown particular ability in all branches of surgery.

The Canadian Medical Institute prize of $25.00, awarded to the Fifth Year student submitting the best essay on "*Advantages to be derived from an annual periodic health examination.*" The decision to be made by the University. Essays must be submitted not later than May 25.

FELLOWSHIPS

The A. A. Browne Memorial Fellowship.—The sum of $10,000 was received by the Faculty from the committee of the A. A. Browne Memorial Fund. With this sum a fellowship has been established, to be known as the "A. A. Browne Memorial Fellowship." This fellowship is open to graduates of any recognized Medical School and is for the advancement of medical science, special preference being given to the subjects of obstetrics and gynæcology.

The James Douglas Research Fellowship.—The sum of $25,000 was donated by the late Dr. James Douglas, the proceeds to be devoted to co-ordinated research in the laboratories of pathology in or associated with the University.

The James Cooper Fellowships for the Study of Internal Medicine.—This fund of $60,000 was donated in 1912 by the will of the late James Cooper of Montreal to promote study and research in Internal Medicine.

The John McCrae Fellowship.—A fellowship of approximately $800, founded in 1918 as a yearly donation by Mr. H. J. Fuller, of New York, in memory of the late Lt.-Col. John McCrae, for the purpose of scientific research in Experimental Surgery. Established as a permanent fellowship in 1920 by Mr. Fuller and the Canadian Fairbanks-Morse Company.

The Clara Law Fellowship, founded in 1927 by Mrs. J. R. Fraser for the furtherance of research in the laboratory of the Department of Obstetrics and Gynæcology, is of the value of $1,200 per annum.

The Walter J. Hoare Memorial Scholarship.—A sum of $5,500 has been donated by the late Dr. Charles W. Hoare, a graduate of McGill University, for Scholarships in Medicine, in memory of his son, Walter J. Hoare, who was killed in the Great War. These Scholarships are open annually to pupils of the Collegiate Institutes of the counties of Essex, Kent and Lambton entering the Faculty of Medicine.

The Dr. J. Francis Williams Fellowship in Medicine and Clinical Medicine of $500, founded by the late J. Francis Williams, M.D., to be awarded on the result of a special examination open to students of the final year, who have had a high general scholastic standing and who are approved by the heads of the Department of Medicine.

The Dr. J. H. B. Allan Scholarship of $250, founded by bequest of Mrs. Agnes W. Allan, mother of Dr. J. H. B. Allan, to be awarded to the graduate of this Faculty who shall present the best thesis written during his period of residency in one of the teaching hospitals connected with McGill University.

For Fellowships, Scholarships, etc. in the Graduate Faculty, see page 378.

REQUIREMENTS FOR THE DEGREE OF M.D., C.M.

1. Every candidate for the degree of Doctor of Medicine and Master of Surgery in this University must be at least twenty-one years of age and of good moral character.

2. He must have fulfilled all of the requirements for entrance to the Faculty of Medicine and have attended courses of instruction for five full sessions of not less than eight months each in this University or in some other university, college or school of Medicine, approved by this University.

3. No one shall be permitted to become a candidate for the degree who shall not have attended at least one full session at this University.

4. Every candidate for the degree must have passed all of the required examinations in the subjects comprising the Medical course.

5. He must have attended during at least three sessions or nine terms the practice of the Royal Victoria Hospital or the Montreal General Hospital, or of some other hospital (with not fewer than one hundred beds) approved by this University; and must have acted as clinical clerk for six months in Medicine and six months in Surgery and have fully reported upon at least ten medical and ten surgical cases.

6. He must also have attended during two terms the practice of the Maternity Hospital or other lying-in hospital approved by the University, and have acted as assistant in at least twenty cases.

7. Every candidate must also have administered anæsthetics, under direction, at least six times, and have assisted at not less than six autopsies.

REQUIREMENTS FOR LICENCE TO PRACTISE

Intending students are reminded that a University degree in Medicine does not in itself confer the rights to practise the profession of medicine. In each Province of Canada and in each one of the United States the right of licensure is vested in a Licensing Body which has its special laws and requirements; in many cases a special standard of general education is insisted upon before *beginning* the study of medicine. One of the requirements in several provinces is that the entrance qualifications of the student must be registered with the provincial licensing body for five years before a licence to practise can be obtained.

N.B.—In order that disappointment and loss of time may be avoided, the University *requires Canadian students to register with the licensing body of their home province before beginning their medical course.*

Full information as to the requirements for registration in the various provinces may be obtained from the Registrars of the Provincial Medical Boards, as follows:—

QUEBEC—Dr. J. Gauvreau, 354 St. Catherine Street E., Montreal.

ONTARIO—Dr. H. Wilberforce Aikens, 566 University Avenue, Toronto, Ont.

NEW BRUNSWICK—Dr. S. H. McDonald, 56 Colborne Street, Saint John, N.B.

NOVA SCOTIA—Dr. H. L. Scammell, Halifax, N.S.

PRINCE EDWARD ISLAND—Dr. H. D. Johnson, 51 Grafton St., Charlottetown, P.E.I.

MANITOBA—Dr. W. G. Campbell, 605 Medical Arts Building, Winnipeg, Man.

ALBERTA—Dr. George R. Johnston, Calgary, Alta.

SASKATCHEWAN—Dr. A. MacG. Young, Saskatoon, Sask.

BRITISH COLUMBIA—Dr. A. P. Proctor, Vancouver, B.C.

The Registrar for Newfoundland is Dr. T. Mitchell, St. John's, Nfld.

DOMINION REGISTRATION

In order to take the examination of the Medical Council of Canada a candidate must have the licence of a Canadian province, or he must present a certificate from the Registrar of a Provincial Medical Board that he holds qualifications accepted and approved of by the Medical Board of that province.

Full information may be obtained by writing to the Registrar, Dr. J. Fenton Argue, 180 Metcalfe Street, Ottawa, Ontario.

GENERAL COUNCIL OF MEDICAL EDUCATION AND REGISTRATION OF GREAT BRITAIN

The entrance requirements in Medicine of this University are accepted by the General Medical Council of Great Britain. Graduates of this University who desire to register in England are exempted from any examination in preliminary education on production of the McGill Matriculation certificate. Certificates of this University for attendance on lectures, practical work and clinics are also accepted by the various examining boards in Great Britain.

Detailed information may be obtained from the Registrar, General Council of Medical Education and Registration, 44 Hallam Street, Portland Place, London, W.1, England.

COURSES OF INSTRUCTION

ANATOMY

THE ROBERT REFORD PROFESSOR:—S. E. WHITNALL

LECTURERS:—J. S. BAXTER, H. E. MACDERMOT

SENIOR DEMONSTRATOR:—D. S. FORSTER

DEMONSTRATORS:—F. D. ACKMAN, E. H. CAYFORD, J. R. DEAN; H. M. ELDER, A. J. B. HEBERT; G. D. LITTLE, J. R. LOCHEAD, S. J. MARTIN; R. M. H. POWER, H. G. PRETTY; W. W. RUDDICK, H. G. ROSS, J. C. SUTTON

The Required Courses in Anatomy are given in the first three terms of the Medical Course. In subsequent terms of the Second Year, opportunity is afforded through the Elective Courses for a complete revision in Anatomy together with choices of advanced work.

Required Courses

1. **Lecture Course in Gross Anatomy.**
Three hours weekly through the Autumn, Winter and Spring Terms ..... Professor Whitnall.

Text-books:—Gray's "Anatomy" (English Edition); Whitnall's "Study of Anatomy."

Reference books:—Quain, Cunningham, Piersol, Keith's "Human Embryology and Morphology." Keith's "Menders of the Maimed"; Hilton's "Rest and Pain." Spalteholz Atlas.

2. **Laboratory Course in Gross Anatomy.**
Eighteen hours weekly during the Autumn, Winter and Spring Terms.
Professor Whitnall and Staff.

Practical Manual:—Stibbe.

3. **Tutorials:** Devoted mainly to the study of osteology and surface anatomy.
One hour weekly throughout the session.
Drs. Power, MacDermot and Forster.

4. **Discussions:** Informal class discussions upon problems and difficulties.
One hour a week throughout the session ..... Dr. Baxter.

Elective Courses

5. **A Revision of the Whole Body by Dissection.**
Time required, three afternoons a week.

6. **Special Regions.** Two afternoons a week.
Professor Whitnall and Staff.

Additional Courses

7. **Ophthalmological Anatomy:** Mainly a laboratory course designed for graduates in Medicine who intend to specialize in Ophthalmology.
By arrangement. Details on application.....Professor Whitnall.

8. **Oto-laryngological Anatomy:** A similar course.
By arrangement. Details on application.....Professor Whitnall.

HISTOLOGY AND EMBRYOLOGY

PROFESSOR:—J. C. SIMPSON

ASSISTANT PROFESSOR—H. E. RAWLINSON

LECTURERS IN HISTOLOGY:—D. J. BOWIE, W. M. FISK

DEMONSTRATOR IN HISTOLOGY:—J. R. DEAN

ASSISTANT DEMONSTRATORS IN EMBRYOLOGY:—N. W. PHILPOTT

1. Histology and Embryology.

Two lectures and six hours of laboratory work per week throughout the session.

Lectures —Mon. and Wed. at 2.
Laboratory—Div. A.—Tues. 2--5. Thurs. 9–12.
Div. B.—Tues. 9–12. Thurs. 2–5.
Professors Simpson, Rawlinson, and Staff.

Text-books:—Maximow and Bloom,"Histology"; Arey,"Embryology".
Reference books:—Histology, Lewis and Bremer, Jordan, Bailey, Shaefer; Embryology, Jordan, Simkins, Bailey and Miller.

2. Dental Histology.

A detailed study of the development and structure of the teeth and associated parts.
Six hours a week during the third trimester.....Dr. Bowie.

PHYSIOLOGY

THE JOSEPH MORLEY DRAKE PROFESSOR:—JOHN TAIT
RESEARCH PROFESSOR:—BORIS P. BABKIN
ASSISTANT PROFESSOR:—N. GIBLIN
LECTURER:—S. DWORKIN

Required Courses

1. **Introductory Course**—Lectures and Demonstrations.
In this course, which is comprehensive rather than detailed, the general principles of the subject are dealt with.
Three hours a week during the first half session, and two hours a week during the second half session.
Text-books:—Bainbridge & Menzies, Best & Taylor, Halliburton, Howell.

2. **Intermediate Course**—Lectures, Demonstrations and Laboratory.
Three lectures, one demonstration and six hours laboratory work a week. Autumn Term.
The more detailed description of the nervous system and sense organs forms a part of this course. The accompanying laboratory course consists of experiments on surviving parts of the frog and on the human subject.
Laboratory manual:—Sharpey-Schäfer, "Experimental Physiology."

3. **Senior Course**—Lectures, Demonstrations and Mammalian Laboratory.
During these lectures the survey of the subject for undergraduate medical purposes is completed. The laboratory work accompanying the course involves a more advanced operative and instrumental technique.
Three lectures, one demonstration and six hours of laboratory work. Winter Term.
Laboratory manual:—Sherrington, "Mammalian Physiology."
Text-books:—Howell, Macleod, Starling.

Elective Courses

4. **Lectures on Selected Advanced Topics.**
Professors Babkin and Giblin.
During each year a variety of subjects is handled. As these vary from year to year, the titles will be announced at the commencement of the Autumn Term. The lectures are held twice a week throughout the Graduate Faculty teaching session. For elective purposes special parts of the course may be separately attended.

5. **Applied Physiology.**
This course is designed for second year medical students who are interested in the clinical applications of the physiological knowledge they have obtained from the regular undergraduate courses. One lecture-demonstration per week during the Autumn Term, three hours per week advanced laboratory during the Winter Term.
Dr. Dworkin.

Courses only for Graduate Students.

6. **Lectures on Structure and Function**.....Professor Tait.
7. **Advanced Laboratory.**
8. **Physiological Colloquium.**

PSYCHOLOGY

PROFESSOR OF ABNORMAL PSYCHOLOGY:—J. W. BRIDGES
ASSISTANT PROFESSOR OF ABNORMAL PSYCHOLOGY—
K. M. BANHAM BRIDGES

Elective Courses

1. **Normal and Abnormal Psychology.** Psychophysiological standpoint, the relation of abnormal to normal mental life and behaviour, the mechanism of behaviour and the physical basis of consciousness, theories of the unconscious, the motivation of behaviour, association and dissociation; imitation, suggestion, instinct, habit, emotion, memory, intelligence, character, temperament, and their abnormalities.
Text-book:—Bridges, J. W., Psychology, Normal and Abnormal.
Two lectures a week. Autumn Term.....Professor J. W. Bridges.

The following are one term courses open to students in the Third, Fourth and Fifth Years and to graduates.

2. **Mental Measurements.** Intelligence tests, ratings of character and temperament, and other mental examination methods.
The course will include practice in giving tests:
This course is intended for students specializing in psychiatry.
By arrangement.....Prof. J. W. Bridges.

3. **Child Psychology.** Aspects of mental development, with special reference to the pre-school child. The course will include practical observations in the Montreal Foundling Hospital.
This course is intended for students specializing in pædiatrics.
By arrangement.....Prof. K. M. B. Bridges.

4. **Psychology in Industry.** The selection of employees, the worker's efficiency, and his adjustment to his task.
This course is intended for students specializing in Industrial Medicine.
By arrangement ..... Prof. J. W. Bridges.

BIOCHEMISTRY AND PATHOLOGICAL CHEMISTRY

PROFESSOR:—J. B. COLLIP

ASSOCIATE PROFESSOR:—D. L. THOMSON

ASSISTANT PROFESSOR:—HANS SELYE

LECTURERS:—EVELYN M. ANDERSON, R. L. KUTZ, L. I. PUGSLEY

LECTURERS IN PATHOLOGICAL CHEMISTRY:—J. S. L. BROWNE, E. H. MASON, I. M. RABINOWITCH

DEMONSTRATORS:—P. T. BLACK, O. F. DENSTEDT, T. MCKEOWN

The Department offers, in addition to the required lecture and laboratory course, an elective course in Endocrinology; other courses are described on page 401.

1. General Physiological Chemistry:

(a) Lectures: Monday, Wednesday, Friday at 9.

(b) Laboratory: Six hours weekly, Monday morning and Thursday afternoon, or Tuesday afternoon and Friday morning.

Text-books:—Bodansky, "Introduction to Physiological Chemistry" (Wiley); Cameron, "Text-Book of Biochemistry" (Macmillan); Cameron and Gilmour, "Biochemistry of Medicine" (Churchill); Wright, "Applied Physiology" (Oxford Univ. Press). A synopsis of the laboratory course is issued by the Department.

This course is given in the Autumn and Winter terms.

2. Endocrinology:

Lectures: Monday, Friday at 2.

Text - book: — Cameron, "Recent Advances in Endocrinology" (Blakiston).

PATHOLOGY

STRATHCONA PROFESSOR:—HORST OERTEL

ASSOCIATE PROFESSOR:—L. J. RHEA

ASSISTANT PROFESSOR:—T. R. WAUGH

LECTURER AND DOUGLAS FELLOW IN PATHOLOGY:—W. H. CHASE

LECTURER:—J. E. PRITCHARD

LECTURER IN NEUROPATHOLOGY:—W. V. CONE

ASSISTANT DEMONSTRATORS:—
R. C. BENNETTS
A. K. HILL
G. B. MAUGHAN
J. NICHOLLS
M. I. STALKER
R. A. WILSON

CURATOR OF MUSEUM:—W. H. CHASE

PREPARATOR:—J. GIROUX

NOTE: Students for the degree of Doctor of Medicine are advised to commence the study of Pathology at the beginning of their clinical instruction, i.e., in the Third Year, and pursue it in the following order:

First: General Pathology, with its laboratory course in general pathological anatomy and histology (Courses A1 and A2).

Second: Special Pathology (Course B1), including the special didactic courses on the diseases of the blood forming organs, the more important ductless glands, and of the nervous system (Courses B2, B3, B4), with the laboratory course in special pathological anatomy and histology (Course B5), and also to attend the demonstrative courses and practical exercises in pathological anatomical methods (Course B6).

It is desirable that students should continue to attend the demonstrative courses and practical exercises in pathological anatomy and choose from the electives throughout the rest of their study. Students may find it advantageous to refresh their minds during their later clinical years in certain parts of General and Special Pathology in which they are interested by returning to the didactic lectures in General and Special Pathology in addition to taking up some of the electives.

A study room has been set aside in the Pathological Institute more particularly for the students of Special Pathology and those under advanced clinical instruction, in which gross and microscopic material illustrative of topics discussed in the didactic lectures are weekly put on exhibition for personal study, at the student's leisure. Museum material may also be requisitioned. This room is open from 9 a.m. to 6 p.m. during the session, and demonstrators will be available for consultation.

Required Courses

I. Didactic Lectures.

A1. General Pathology and Pathological Anatomy.
Two lectures (with epidiascope demonstrations) a week.
Autumn Term—Tuesday and Thursday, 4 p.m.
Winter and Spring Terms—Monday and Friday, 4 p.m.
Pathological Institute.....Professor Oertel.

B1. Special Pathological Anatomy and Pathogenesis of the Circulatory, Respiratory, Digestive and Renal Systems.
One lecture with epidiascope demonstrations a week.
Autumn Term—Friday, 4 p.m.
Winter and Spring Terms—Wednesday, 4 p.m.
Pathological Institute.....Professor Oertel.

B2. Diseases of the Blood Forming Organs.
One lecture a week. Autumn Term—Monday, 4 p.m.
Pathological Institute.....Professor Waugh.

B3. Pathological Anatomy of the More Important Ductless Glands.
One lecture a week. Winter Term—Tuesday, 4 p.m.
Pathological Institute.....Dr. Chase.

B4. Pathological Anatomy of the Nervous System.
One lecture a week. Spring Term—Tuesday, 4 p.m.
Pathological Institute.....Dr. Cone

II. Practical Courses.

A2. Laboratory Course in General Pathological Anatomy and Histology (including the methods of microscopic technique and diagnosis with practical exercises in the living animal, in fresh and in hardened tissues). Six hours weekly.
Winter and Spring Terms—Tuesday and Thursday, 2 p.m.
Pathological Institute, Professor Oertel, Dr. Chase and Demonstrators.

B5. Laboratory Course in Special Pathological Anatomy and Histology. Four hours weekly.
Winter and Spring Terms—Monday and Friday, 4 p.m.
Pathological Institute.
Professor Waugh, Dr. Chase and Demonstrators.

B6. Demonstrative Course and Practical Exercises in Pathological Anatomical Methods and Diagnosis (including autopsy technique and references to medico-legal practice).

Autumn, Winter and Spring Terms—Saturday morning, 11–12.30.
Pathological Institute.....Professor Oertel.

C1. Performance of Autopsies—Group Instruction.

Autumn, Winter and Spring Terms. Time according to material.
Pathological Institute.....Dr. Chase and Demonstrators.
Montreal General Hospital.....Professor Rhea and Demonstrators.

Elective Courses

B7. Special Pathological Anatomy of Bones.
Spring Term—Thursday, 4 p.m.
Pathological Institute.....Professor Waugh.

B8. Special Hæmatological Technique.
Lectures and demonstrations on the more important hæmatological methods of examining the blood.
Winter Term—Thursday, 4 p.m.
Pathological Institute.....Professor Waugh.

C2. Methods of Post-Mortem Examination (including the methods of anatomical description and protocoling). For advanced students and physicians preparing for medico-legal practice. Time to be arranged.
Pathological Institute.....Dr. Chase

C3. Demonstration and Discussion of Specimens Removed at Operation, (including microscopic diagnosis and interpretation). For advanced students.

Autumn, Winter and Spring Terms—Wednesday, 3 p.m.
Pathological Institute.....Professor Waugh.

BACTERIOLOGY AND IMMUNITY

PROFESSOR:—E. G. D. MURRAY
LECTURERS:—F. SMITH, JOHN H. GLYNN
DEMONSTRATOR:—D. H. STARKEY

Required Courses

All lectures and laboratory courses are given in the Department of Bacteriology (Institute of Pathology).

Course 1. Elementary Medical Bacteriology and Immunity.

Thirty lectures and 60 hours practical work and a weekly Tutorial Class. Third Term. Available to medical students on the satisfactory completion of their studies in Anatomy, Physiology, Histology and Biochemistry; also to students in their third year in Arts and Science reading for the B.Sc. Honours in Bacteriology.

Course 2. Applied Medical Bacteriology and Immunity and the processes of Infectious Diseases.

20 Lectures and 60 hours practical work. First and Second Terms. Available to Medical Students who have completed two years of clinical work.

Course 3. Bacteriology and Immunity for Honours B.Sc. (daily throughout the year; available only for Honours students in their Fourth year).

A. General Bacteriology—Thirty-five lectures and 175 hours practical work.

B. Systematic Bacteriology—Sixty-five lectures and 325 hours practical work.

C. Immunology—Fifty lectures and 250 hours practical work.

(Full details of the courses can be obtained by application to the Registrar.)

Text-books:—Hans Zinsser, Textbook of Bacteriology (Appleton); R. Muir and J. Ritchie, Manual of Bacteriology (Oxford University Press); R. T. Hewlett and James McIntosh, Manual of Bacteriology (Churchill); T. J. Mackie and J. E. McCartney, Practical Bacteriology (Livingstone); J. W. Bigger, Handbook of Bacteriology (Bailliere Tindall & Cox); W. H. Park and A. W. Williams, Pathogenic Micro-Organisms (Bailliere Tindall & Cox); Hans Zinsser, Resistance to Infectious Diseases (Macmillan); W. W. C. Topley and G. S. Wilson, The Principles of Bacteriology and Immunity (Edward Arnold & Co.); W. W. C. Topley, An Outline of Immunity (Arnold); M. Langeron, Precis de Microscopie (Masson & Cie); A. Calmette, L. Negri and A. Boquet, Manuel Technique de Microbiologie et Serologie (Masson & Cie). D. H. Bergey, Manual of Determinative Bacteriology (Williams & Wilkins).

CURRICULUM FOR B.Sc. HONOURS IN BACTERIOLOGY

Prerequisite:—An aggregate standing of high second class must be obtained in the subjects submitted for the First Year.

The Head of the Department should be consulted in selecting subjects to be studied in the Second and Third Years. The following subjects are suggested as suitable for the average student.

Second Year—General Zoology; Organic Chemistry; Histology; Elementary Physical Chemistry; Elementary Physiology; Colloid Chemistry.

Third Year—Biochemistry; Physiology; Elementary Medical Bacteriology; General Physiology (Dr. Scarth). In addition Pharmacology and Comparative Anatomy of Vertebrates are optional.

Fourth Year—Bacteriology Course 2.

Students of Medicine who have done sufficiently well in their Medical Bacteriology and in their Medical studies in general will be admitted to Course 2, Section C.

PUBLIC HEALTH AND PREVENTIVE MEDICINE

PROFESSOR AND DIRECTOR:—A. GRANT FLEMING
STRATHCONA PROFESSOR OF HYGIENE:—T. A. STARKEY
ASSISTANT PROFESSOR:—R. ST. J. MACDONALD
ASSISTANT PROFESSOR OF MENTAL HYGIENE:—W. T. B. MITCHELL
ASSISTANT PROFESSOR OF INDUSTRIAL HYGIENE:—FRANK G. PEDLEY
LECTURER IN MENTAL HYGIENE:—C. M. HINCKS
DEMONSTRATOR IN MENTAL HYGIENE:—BARUCH SILVERMAN
DEMONSTRATOR IN INDUSTRIAL HYGIENE:—R. VANCE WARD

The instruction in Public Health and Preventive Medicine given to the medical undergraduates is designed to meet the requirements of the practitioner in Medicine.

In order that the importance of Public Health and Preventive Medicine may be kept before the student, short courses are given in the First and Second Years. These courses are of an introductory nature and, from a historical background, develop the needs and opportunities for preventive medicine and its social implications.

The Department aims to correlate the teaching of the preventive aspects of medicine with the teaching of other departments in their special field. In addition, those phases of the subject that are not included elsewhere are covered, such as water, milk and food supplies, public health administration, hygiene of the school child, industrial hygiene and mental hygiene.

The course in Mental Hygiene, included in the teaching of the Department of Public Health and Preventive Medicine, attempts to give the student an understanding of what is possible and of what is being done in the way of preventing nervous and mental diseases, delinquency and crime, and social failure. This implies a knowledge of what is normal in the way of behaviour responses at the different stages of the individual development; of how we may recognize and deal with significant deviations from the average response; the factors underlying individual success and failure; the place and the means of introducing mental health principles into home, school, social and industrial situations.

The hygiene of the child of school age includes, for consideration, the chief points of a school health service, its scope, and the duties of the School Medical Officer, a post frequently undertaken by the general practitioner.

Industrial Hygiene deals with the application of the principles of preventive medicine to industry. The various factors which influence the health of work people are discussed, and the means which may be taken to supervise their health and safety are considered.

In the Third Year, visits of inspection are made to plants selected to illustrate the general principles of water purification, and the modern dairy plant, including pasteurization.

A brief course in Applied Public Health Bacteriology is given to familiarize the student with the facilities available, the method of taking specimens, the methods of examination and the interpretation of laboratory reports on water, milk, sputum, nose and throat swabs.

A health study of the student's home town, or some other place acceptable to the Department, is required before the beginning of the Fifth Year. This study requires individual field work by each student.

Required Courses

1. **Introduction to Public Health and Preventive Medicine.**
   Spring term—Monday, 4 p.m.
   Professors Fleming, Macdonald and Mitchell.

2. **Public Health Organization and Administration.** (Including related community services.)
   Spring term—Wednesday, 9 a.m.
   Professors Fleming, Macdonald and Dr. Silverman.

3. **Mental Hygiene.**
   Autumn term—Tuesday, 3 p.m.....Professor Mitchell.

4. **Practice of Preventive Medicine.**
   Spring term—Monday and Friday, 3 p.m.; Wednesday, 2 p.m.
   Professors Fleming, Starkey, Macdonald and Pedley.

5. **Field Visits, Demonstrations and Applied Public Health Bacteriology.**
   Spring term—Wednesday, 3 p.m.

6. **Communicable Disease Control.**
   Autumn term—Thursday, 4 p.m. Professors Fleming and Macdonald.

7. Health Study of a City or Town.

To be submitted during the month of October of the final year. The student is later required to review this study with a member of the staff.

Text-books and Reference books:—

The General Field:—Parkes and Kenwood; Rosenau; Park; Fitzgerald.

Industrial Hygiene:—The Health of the Industrial Worker, Collis and Greenwood; Industrial Health, Hayhurst, Emery and Kober; Industrial Poisons in the United States, Hamilton.

Mental Hygiene:—The Mental Hygiene of Childhood, White.

School Hygiene:—The Fundamentals of School Health, Kerr.

PHARMACOLOGY AND THERAPEUTICS

PROFESSOR:—R. L. STEHLE

ASSOCIATE PROFESSOR OF THERAPEUTICS:—D. S. LEWIS

ASSISTANT PROFESSOR OF PHARMACOLOGY:—K. I. MELVILLE

LECTURER IN THERAPEUTICS:—D. GRANT CAMPBELL

LECTURER IN THERAPEUTICS AND DEMONSTRATOR IN PHARMACOLOGY:—W. DE M. SCRIVER

LECTURER IN ANÆSTHESIA:—WESLEY BOURNE

LECTURER IN PHYSIO-THERAPY:—F. W. HARVEY, NORMAN BROWN

DEMONSTRATOR IN PHARMACOLOGY:—J. B. ROSS

ASSISTANT IN PHARMACOLOGY:—H. C. ELLSWORTH

PHARMACOLOGY

The object of the course in pharmacology is to elucidate, as far as knowledge permits, the action of drugs, and thereby lay a sound foundation for drug therapy.

Required Courses

1. Pharmacology. The action of drugs is considered on the basis of information derived by means of experimental methods and careful clinical observation. The chemistry of the drugs studied is emphasized in order that the student may have a good foundation upon which to follow future developments of the subject intelligently.

Three lectures a week during the Spring Term supplemented by one conference and one demonstration a week.

The conference groups are limited to four students each.

Drs. Stehle, Melville and Ellsworth.

2. **Pharmacological Laboratory.** The experiments are chosen to illustrate the lectures of the preceding course.

Two periods (six hours) a week during the Spring Term.

Drs. Stehle, Melville and Ellsworth.

THERAPEUTICS

The teaching of therapeutics will be closely linked with that of medicine. Courses 3, 3a, 4 and 5 are intended primarily for the fourth year and should be completed before registration for Course 6.

Required Courses

3. **Therapeutics:** Didactic Instruction. A series of approximately 15 lectures on the principles of therapeutics and on the treatment of various diseases for which clinical material is not readily available. These lectures will be given during the Spring Term.

3a. **Therapeutics:** Theatre Lectures. Ten to fifteen clinical lectures to be given in the hospitals during the year in conjunction with the teaching of the Department of Medicine.

Dr. Lewis and Associates.

4. **Pharmacy and Prescription Writing.** Five lectures and five laboratory periods during the Autumn term.

Dr. Scriver.

5. **Physio-Therapy.** Three lectures and three periods of group instruction at times to be arranged.

Drs. Lewis, Brown and Harvey.

6. **Clinical Therapeutics.** One ward class each week for ten weeks at the Royal Victoria and Montreal General Hospitals in the Autumn, Winter and Spring Terms.

Dr. Lewis and Dr. Campbell.

Elective Courses

7. **Physio-Therapy (Practical):** A course of lectures and demonstrations dealing more fully with the application of physical methods to the treatment of disease.

Drs. Brown and Harvey.

8. **Therapeutics**: A series of ten evening lectures on certain special aspects of medical treatment will be offered if a sufficient number apply. These lectures will be given by those having special interest in the various topics, and will be open to students and graduates.

Text-books in Pharmacology. Cushny, Sollmann, Meyer and Gottlieb, Clark.

Options

Suitably prepared persons may undertake research at any time.

Advanced courses leading to the degrees of M.Sc. or Ph.D. will be arranged to suit individual cases. See page 432.

MEDICINE

PROFESSOR AND DIRECTOR OF THE DEPARTMENT:—JONATHAN C. MEAKINS

PROFESSORS:—CAMPBELL PALMER HOWARD; C. F. MARTIN

ASSOCIATE PROFESSOR:—A. H. GORDON

ASSISTANT PROFESSORS:—MAUDE E. ABBOTT; J. KAUFMANN; D. S. LEWIS; E. H. MASON; C. F. MOFFATT; I. M. RABINOWITCH

LECTURERS:—C. C. BIRCHARD, C. R. BOURNE, E. C. BROOKS, G. R. BROW, J. G. BROWNE, J. S. L. BROWNE, J. R. BYERS, D. G. CAMPBELL, R. V. CHRISTIE, R. H. M. HARDISTY, A. T. HENDERSON, J. F. MCINTOSH, D. W. MCKECHNIE, W. DE M. SCRIVER

DEMONSTRATORS:—L. J. ADAMS, W. W. EAKIN, NEIL FEENEY, A. F. FOWLER, C. W. FULLERTON, KEITH GORDON, C. R. JOYCE, W. R. KENNEDY, H. E. MACDERMOT, J. F. MACIVER, J. L. D. MASON, D. L. MENDEL, E. S. MILLS, LORNE MONTGOMERY, E. V. MURPHY, E. E. ROBBINS, J. B. ROSS, H. N. SEGALL, COLIN SUTHERLAND, J. C. WICKHAM

Assistant Demonstrators:—W. W. Alexander, Margaret E. B. Cameron, W. C. Gowdey

PAEDIATRICS

Clinical Professor:—H. B. Cushing

Lecturers:—A. Goldbloom, L. Lindsay, S. Graham Ross, R. R. Struthers, H. P. Wright

Demonstrators:—Jessie Boyd Scriver, R. C. Stewart, W. E. Williams

Assistant Demonstrators:—A. K. Geddes, Alan Ross, S. J. Usher

PSYCHIATRY

Clinical Professor:—C. A. Porteous

Clinical Professor:—David Slight

Demonstrators:—B. Silverman, E. C. Menzies

DERMATOLOGY

Clinical Professors:—P. Burnett, J. F. Burgess

Lecturer:—A. A. Bruère

Demonstrators:—C. R. Bourne, L. P. Ereaux

Assistant Demonstrator:—B. Usher

Foreword on the Courses in Medicine. The object of the following courses is to impart a sound knowledge of the principles of general medicine in the diagnosis and treatment of disease; to afford a knowledge of the technique and, above all, so to train the student that he will be enabled to cultivate the faculty of critical judgment. The mere instruction, of itself, is regarded as but a part of the course, while the personal contact of students and patients throughout the final years is of prime importance.

The close correlation of physiology, anatomy, and biochemistry with clinical medicine is emphasized—not only in the pre-clinical years, but later in hospital and laboratory—thus affording students a modern scientific medical training.

Unusual facilities are afforded by the establishment of a modern medical clinic at the Royal Victoria Hospital. In this institution and at the Montreal General Hospital there are extensive laboratories for the study of disease in all its phases. Excellent clinical facilities are afforded at both these hospitals, as well as by affiliation with other institutions.

The courses in internal medicine and its various branches are so arranged as to give the individual student as much independence as possible in his selection of his instructors and time and place of his required and elective courses. The University lectures and clinical lectures are open to students of all years. The student, therefore, may within wide limits determine the period and scope of his instruction. The final examinations may cover any portion of the realm of internal medicine and its various branches of which the examiners may deem it proper that a graduating student should be cognizant.

Required Courses

1. A course of University lectures on Pathological Physiology and general medicine will be given in the autumn, winter, and spring terms, on Monday, Wednesday and Friday mornings, from 9 to 10 o'clock. This course of lectures will cover the field of medicine and will be delivered at the University Medical Building, by Professors Meakins, Howard, and Assistants.

1a. Courses of lectures will be given in Psychiatry and Therapeutics on two afternoons a week during the autumn and winter terms.

2. Clinical lectures in general medicine. A course of clinical lectures will be delivered throughout the autumn, winter, and spring terms, on two days a week. The exact hour in the different institutions will be announced from time to time. These clinical lectures will be given in the Royal Victoria Hospital and the Montreal General Hospital, by Professors Meakins, Howard, Gordon, and Assistants.

3. Clinical lectures in pædiatrics. A course of clinical lectures will be delivered in pædiatrics during the autumn, winter, and spring terms, on one day each week, at the Children's Memorial Hospital, by Professor Cushing and Assistants.

4. A course in the technique of physical examination and normal physical signs will be given in the autumn term, two periods a week, from 10.15 to 11.45 a.m., with one clinical lecture per week as a review. This course will be given to groups of students at the Royal Victoria Hospital and the Montreal General Hospital.

5. This course will cover physical examination and abnormal physical signs, the methods of history-taking, and systematic description of the various systems in a logical order. Its objective will be to prepare students for subsequent clinical and bedside work. It will be given in the autumn, winter and spring terms, four periods a week of two hours each, from 10.15 to 12.15, to groups of students, at the Royal Victoria Hospital and the Montreal General Hospital.

6. A course in clinical microscopy will be given in the autumn term only. There will be two laboratory periods a week, from 2 to 4 p.m., on Mondays and Fridays, in the Pathological Institute. This course will be organized so as to give instruction and practice in microscopy as applied to clinical medicine.

Doctor Kaufmann and Assistants.

7. A course in clinical medicine with case reporting and bedside clinics will be given in the autumn, winter and spring terms, to groups of students at the Royal Victoria Hospital and Montreal General Hospital. Each course will occupy five days a week from 9 a.m. to 3.45 p.m.

Professors Meakins, Gordon and Assistants.

8. A clinical course in pædiatrics will be given during the autumn, winter, and spring terms. This course will have the following divisions:

(a) Diseases of the New-Born—Royal Victoria Montreal Maternity Pavilion.

(b) Normal Infant-Feeding and Development—Montreal Foundling Hospital.

(c) General Pædiatrics—Children's Memorial Hospital, Royal Victoria Hospital, and Montreal General Hospital.

(d) A Series of demonstrations to groups of students on the ordinary acute infectious diseases will be given at the Alexandra Hospital.

Professor Cushing and Assistants.

This course in its divisions will be given to groups of students.

9. A clinical course in Mental Medicine will be given in the autumn, winter and spring terms. This course will have the following divisions:

(a) Theatre clinics and bedside clinics on neuroses, psychoses and border line cases during the final year at the Royal Victoria and Montreal General Hospitals.

(b) One period a week during one term will be devoted to clinical demonstrations in Mental Hygiene at the Mental Hygiene Institute..... Professor W. T. B. Mitchell and assistants.

(c) A certificate of one week's attendance at a Mental Hospital and the submission of three case reports. The attendance may be at any hospital approved by the department.

10. A clinical course in dermatology will be given in the autumn, winter and spring terms of one period a week at the Royal Victoria and Montreal General Hospitals..... Drs. Burnett and Burgess.

11. A course in clinical therapeutics will be given in the autumn, winter, and spring terms, of one period a week, one and one-half hour's duration, at the Royal Victoria Hospital and the Montreal General Hospital, by Professor Lewis and Dr. D. Grant Campbell.

12. In the student's final year he becomes virtually a member of the Externe Staff of the teaching hospitals. He may elect to be allotted to the various services in the hospital in the capacity of clinical clerk, participating in the keeping of records, diagnosis and treatment of patients in the wards and Out-Patient Department, and the laboratory duties. He will accompany the physicians in their daily rounds, attend autopsies and report on them to his teachers.

Elective Courses

Elective courses for advanced work are offered in the following subjects: Neurology, psychiatry, dermatology, clinical pathology, cardiology, hæmatology, diseases of the lungs, gastro-intestinal diseases, et cetera. The details of these elective courses will be announced at the beginning of each session.

It will be necessary for each student, in addition to taking the required courses, to choose a certain number of elective courses, the number chosen depending upon which elective courses are taken.

Text and Reference Books

General Medicine:—McLeod, "Physiology and Biochemistry in Modern Medicine"; Lewis, "Clinical Electrocardiography" and "Clinical Disorders of the Heart"; Meakins and Davies, "Respiratory Function in Disease"; Todd, "Clinical Methods"; Flint, "Physical Diagnosis"; Cabot, "Physical Diagnosis"; Thompson, "Elements of Surface Anatomy"; Lusk, "Science of Nutrition"; McLester, "Nutrition and Diet in Health and Disease", Krehl, "Basis of Clinical Symptoms"; Osler's "Practice of Medicine"; Cecil's "Text-book of Medicine"; Nelson's "Loose-Leaf System of Medicine"; Oxford, "Loose-Leaf System of Medicine"; Appleton's "Practitioners Library of Medicine and Surgery"; Dieulafoy, "The Text-book of Medicine"; Strumpell, "Text-book of Medicine for Students and

Practitioners"; Mackenzie, "Diseases of the Heart"; Purves Stewart, "Diagnosis of Nervous Diseases", Bassler, "Diseases of the Stomach and Intestines"; Pharneo, "Teaching Hospitals."

Pædiatrics:—Holt and Howland; Dennet; Feer, Still; Porter and Carter; Morse and Talbot; Alan Brown, H. P. Wright, "Essentials of Infant Feeding."

Psychiatry:—White, "Outlines of Psychiatry;" Kraeplin, "Clinical Psychiatry"; Wimmes Hoisholt, "Psychiatric Neurological Examination Methods"; Jeliffe and White (1923 Ed.), "Diseases of the Nervous System."

Dermatology:—Stellwagon; Walker's Introduction to Dermatology; Hartzell; McLeod; Darier; Campbell; Shamberg; Sutton.

HISTORY OF MEDICINE

PROFESSOR:—SIR ANDREW MACPHAIL

A course of fifteen lectures will be given upon the History of Medicine to inform undergraduates in the Faculty upon the progress of the science. It is the intention to examine the causes which produced the varying conceptions of medicine in times past, rather than burden the student with a narration of facts and a recital of biographies.

NEUROLOGY AND NEUROSURGERY

PROFESSOR OF NEUROLOGY AND NEUROSURGERY:—
WILDER PENFIELD

CLINICAL PROFESSORS OF NEUROLOGY:—COLIN RUSSEL, F. H. MACKAY

ASSISTANT PROFESSOR OF NEUROLOGY AND NEUROSURGERY:—
WILLIAM CONE

LECTURERS IN NEUROLOGY:—J. N. PETERSEN, A. W. YOUNG, N. VINER

LECTURER IN NEUROSURGERY:—A. R. ELVIDGE

DEMONSTRATOR IN PÆDIATRIC NEUROLOGY—H. M. KEITH

ASSISTANT DEMONSTRATOR IN NEUROSURGERY:—E. L. GAGE

ASSISTANT DEMONSTRATOR IN NEUROLOGY AND NEUROSURGERY:—
J. P. EVANS

ASSISTANT DEMONSTRATOR IN NEUROPATHOLOGY:—W. L. SPRONG

ASSISTANT DEMONSTRATOR IN NEUROPHYSIOLOGY:—G. STAVRAKY

RESEARCH FELLOWS IN NEUROLOGY AND NEUROSURGERY: A. TORKILDSEN, J. KERSHMAN, T. ERICKSON

RESEARCH CLINICAL FELLOWS IN NEUROSURGERY:—O. HYNDMAN, J. MASSON, G. CHOROBSKI

RESEARCH FELLOW IN CHEMISTRY:—R. U. HARWOOD

The Department of Neurology and Neurosurgery co-operates intimately with the Departments of Medicine and Surgery in their regular teaching.

In addition the following elective courses are offered:

1. Case Presentations. Diseases of the Nervous System

Outpatient Department, Royal Victoria Hospital, Tuesdays at 3.00 p.m. *Dr. Penfield.*

2. The Anatomical Basis of Clinical Neurology. Lectures and microscopic demonstrations. Neurological Institute. *Dr. Petersen.*

SURGERY

PROFESSOR AND DIRECTOR OF THE DEPARTMENT:—
E. W. ARCHIBALD

PROFESSORS:—A. T. BAZIN, E. M. EBERTS

ASSISTANT PROFESSORS:—W. L. BARLOW, C. B. KEENAN, C. K. P. HENRY, F. A. C. SCRIMGER

LECTURERS:—F. B. GURD, F. E. MCKENTY, F. J. TEES

LECTURER IN ANÆSTHESIA:—W. B. HOWELL

LECTURER IN RADIOLOGY:—W. L. RITCHIE

DEMONSTRATORS:—JOHN ARMOUR, E. B. CHANDLER, G. A. FLEET, GUY JOHNSON, R. R. FITZGERALD, MARK KAUFMANN, L. H. MCKIM, G. GAVIN MILLER, DUDLEY ROSS, A. STEWART, A L. WILKIE

DEMONSTRATORS IN ANÆSTHESIA:—J. W. ARMSTRONG, C. C. STEWART

ASSISTANT DEMONSTRATORS:—HOWARD DAWSON, H. M. ELDER, C. A. MACINTOSH, H. GURTH PRETTY, ALBERT ROSS, P. G. SILVER

UROLOGY

CLINICAL PROFESSORS:—D. W. MACKENZIE, F. S. PATCH

LECTURER:—R. E. POWELL

DEMONSTRATOR:—M. SENG

ORTHOPAEDIC SURGERY

CLINICAL PROFESSORS:—W. G. TURNER, J. A. NUTTER

LECTURER:—W. J. PATTERSON

DEMONSTRATOR:—N. T. WILLIAMSON

Foreword on the Courses in Surgery. Instruction in Surgery (and in the surgical specialties) is imparted in the form of didactic lectures, theatre clinics, ward and out-patient teaching.

The *didactic* lectures are not designed to cover the whole field of general and special surgery, but rather to present the principles of the more important surgical diseases and injuries. Surgery as a whole must be studied in the recommended text books. The early lectures of this course, being introductory, are offered particularly to students who are beginning their clinical work (7th term). They deal with the fundamental principles of inflammation, wound healing, new growths and congenital abnormalities.

The *theatre clinics* in both hospitals will demonstrate, in so far as is possible, the whole field of general surgery and the surgical specialties. In the earlier terms instruction will be given in the commoner ailments of general surgery, while during the later periods the special subjects of orthopædics, genito-urinary-surgery, neuro-surgery and thoracic surgery will be given a due proportion of the time.

In the *wards and out-patient departments*, instruction can be given to smaller groups. In these classes one may more readily differentiate elementary instruction from that given to more advanced students. In other words, to the junior group are taught the principles of careful history taking, of physical examination and of accurate observation. Later comes instruction in minor surgery, the dressing of wounds, bandaging and the application of splints; while to the advanced students is demonstrated major surgery from selected cases in the wards and operating theatre. Such advanced students are given patients in rotation and become ward dressers. The specific duty is laid upon them of recording the case histories, making all necessary examinations and laboratory tests, and of assisting at operations. Group teaching at the bed-side, and ward rounds are added to their training, and they are given all the privileges of an externe of the surgical service.

Required Courses

1. Didactic Lectures.

Three times weekly for the first two terms; 9–10 a.m., in the Medical School..... Professor Archibald and Staff.

2. Theatre Clinics.

Twice weekly throughout the session, 1 p.m., at both general hospitals. These clinics are open to all students from the seventh term onwards.
Professors Archibald and Bazin and Staff.

3. Ward and Out-Patient Instruction.

Four times weekly, 10.30 a.m. to 12 noon, in groups to be arranged in both general hospitals.
Independent ward work can be done by those to whom cases are allotted at any time during the day excepting the meal and visiting hours.

4. Surgical Specialties.

The surgical specialties are taught in the later periods, to some extent in didactic lectures and theatre clinics, but chiefly in the wards and out-patient departments.

5. Anæsthesia.

Didactic lectures and laboratory demonstrations of anæsthesia are given by the Department of Pharmacology and Therapeutics to the students of the earlier clinical years, while practical instruction in the administration of anæsthetics is given in the hospital to the more advanced students. Every student is obliged to furnish a certificate of having given at least six anæsthetics under supervision.

Text-books:—

1. *General Surgery:* Choyce, C. C., "A System of Surgery"; Thomson and Miles, "Manual of Surgery"; Gask and Wilson, "Surgery"; Hamilton Bailey, "Demonstrations of Physical Signs in Clinical Surgery"; John Homans, "A Text-book of Surgery."

2. *Emergency Surgery:* Sluss, John W., "Manual of Emergency Surgery."

3. *Surgical Anatomy:* Treves' "Surgical Applied Anatomy," McGregor, "Synopsis of Surgical Anatomy."

4. *Fractures:* Scudder. Charles L., "Treatment of Fractures"; Wilson and Cochrane, "Fractures and Dislocations."

5. *Case Reporting:* White, J. Renfrew, "The Clinical Examination of Surgical Cases."

6. *Urology:* Keyes' Urology, Mackenzie.
Collateral Reading: Lewis' System of Surgery, vols. 8–9; Eisendrath and Rolnick, Urology; Young, Urology; Stokes, Modern Clinical Syphilogy.

7. *Orthopædic Surgery:* Whitman's "Orthopædic Surgery"; Fraser, "Tuberculosis of Bones and Joints of Children"; Tubby and Jones, "Surgery of Paralysis"; Jones, "Orthopædic Surgery of Injuries"; Jones and Lovett, "Orthopædic Surgery."

OBSTETRICS AND GYNAECOLOGY

PROFESSOR AND CHAIRMAN:—J. R. FRASER

PROFESSOR:—H. M. LITTLE

CLINICAL PROFESSORS:—H. C. BURGESS, J. W. DUNCAN, J. R. GOODALL

LECTURER:—W. A. G. BAULD

DEMONSTRATORS:—A. D. CAMPBELL, DOUGLAS GURD, G. C. MELHADO, IVAN PATRICK, ELEANOR PERCIVAL

CLARA LAW FELLOW AND DEMONSTRATOR:—P. J. KEARNS

ASSISTANT DEMONSTRATORS:—STEWART HENRY, N. W. PHILPOTT, C. V. WARD

The entire course is arranged on the basis of imparting a practical knowledge of Obstetrics, Gynæcology and the Care of the New-born. Throughout all trimesters the value of intimate contact with the patient in the normal and the pathological state is stressed.

The privilege of serving as an interne in the hospital for two weeks treating the patients from the time of delivery till discharge from hospital is an ideal arrangement. Each student serves in the ante-natal clinics in the city.

OBSTETRICS

Required Courses

1. An introductory course of thirty lectures on the fundamental principles of the subject dealing with the Anatomy, Embryology, Physiology and Pathology of the Pelvic Organs.
   The Medical School. Three times a week—Spring Term.
   Professor Fraser.

2. **Clinical instruction** during the year in the Royal Victoria Montreal Maternity Pavilion, including the conduct of labor and the puerperium in case room and wards, together with ante-natal care in the out-patient department.
   Autumn, Winter and Spring Terms.

3. **Special courses in obstetrical palpation** and on the mannikin daily throughout the session with the aid of models, diagrams and lantern slides. Autumn, Winter and Spring Terms.

4. **Clinical conference** once weekly in the theatre throughout the year for the entire class, where living cases are presented illustrating the more important obstetrical conditions.

Autumn, Winter and Spring Terms.

5. **Group Instruction.** The teaching in the final year is conducted entirely by senior teachers.
Small groups of students are instructed in the Wards, Case Rooms and Out-patient Department in methods of examination, problems of delivery and the principles of treatment.

6. **Lecture Demonstrations** in the theatre are held daily during each term on the following subjects:—

A. Puerperal Infection.....Professor Little.
B. Hæmorrhages of Pregnancy. Labor and the Puerperium.
Professor Duncan.
C. Toxæmia of Pregnancy.....Professor Goodall.
D. Dystocia.....Professor Burgess.

7. **Care of the New-born.**

The clinical demonstration once weekly throughout the year by the Pædiatrician in charge of the New-born, is intended to provide a clear and concise survey of the physiology and pathology of the New-born. Particular emphasis is laid on infant feeding and neonatal disease.

8. **The Staff Conference** held once a week is arranged to give a complete account of the work of the hospital.

NOTE: Rooms are provided in the new pavilion where the students may reside, in groups of six, for a period of two weeks. During his period of interneship the student will under supervision deliver patients both in hospital and at their homes, and will undertake the medical care of mother and child during the puerperium.

GYNAECOLOGY

1. Theatre clinics and bedside instruction in the Royal Victoria and Montreal General Hospitals....Professors Fraser, Little and Staff.

2. A special course on Gynæcological Pathology....Dr. P. J. Kearns.

3. Methods of Gynæcological examination, diagnosis and treatment in the outdoor departments.

4. A special course of instruction, once a week, throughout the year in the cancer clinic on methods of diagnosis and treatment of cancer, dealing especially with Radium and X-Ray.....Dr Bauld and Staff.

Text and Reference Books

Obstetrics

(1). De Lee	Principles and Practice of Obstetrics.
(2). Williams	Text book on Obstetrics.
(3). Ten Teachers	Midwifery.
(4). Harper	Clinical Obstetrics.
(5). Bourne	Synopsis of Midwifery and Gynæcology.
(6). Johnson, R. W.	Text book of Midwifery.
(7). Bland	Practice of Obstetrics.
(8). Miller, J.	Manual of Obstetrics.
(9). Appleton	Obstetrical and Gynæcological Monographs.
(10). Peterson	Demonstration Course in Obstetrics.

Gynæcology

(1). Graves	Text book of Gynæcology.
(2). Curtis	Text book of Gynæcology and System of Gynæcology and Obstetrics.
(3). Ten Teachers	
(4). Monroe Kerr	Gynæcology.
(5). Blair Bell	Principles of Gynæcology.
(6). Kelly, Howard	Text book of Gynæcology.
(7). Goodall	Puerperal Infection.
(8). Cursen	

OPHTHALMOLOGY

PROFESSOR:—W. GORDON M. BYERS

CLINICAL PROFESSORS:—S. H. McKEE, F. T. TOOKE

DEMONSTRATORS:—A. G. McAULEY, J. A. MacMILLAN

ASSISTANT DEMONSTRATORS:—A. BRAMLEY-MOORE, S. O. McMURTRY, STUART RAMSEY, J. ROSENBAUM

The undergraduate work in Ophthalmology, which is designed to meet the needs of a well-trained general practitioner, embraces the following courses:—

1. Routine examination of the eye.

In this work the class in small groups is drilled in the various tests in the routine examination of the eye, every effort being made to demonstrate methods which, though simple, are adequate and call

for the minimum outlay for equipment. Instruction in the use of the ophthalmoscope and familiarization with the appearance of the normal fundus of the eye are an important feature of this preliminary course.

Five hours.

Professors Byers, Tooke, McKee and members of the Staff.

2. **Lecture demonstrations.**

This course, variously illustrated, covers the general principles and the systematic side of the subject. It has been designed to furnish a background of essential concepts for the clinical work of the Fifth Year.

Ten hours.....Professor Byers.

3. **Clinical Ophthalmology.**

In the Final Year, the entire available time is devoted to an intensive study of the ocular problems that are of greatest moment in general practice—the external diseases of the eye, and the main ophthalmoscopic findings in systemic disorders and affections of the nervous system; with practical lessons in ophthalmic nursing and first aid. This work is conducted in the ophthalmic clinics and wards of the Montreal General and Royal Victoria Hospitals.

Professors Byers, McKee, Tooke and Staff.

Text-books:—Parsons, May, Swanzy, De Schweinitz, Fuchs.

OTO-LARYNGOLOGY

LECTURERS:—D. H. BALLON, G. E. HODGE, J. T. ROGERS

DEMONSTRATORS:—K. O. HUTCHISON, W. J. MCNALLY, B. F. MACNAUGHTON, J. E. TREMBLE, R. P. WRIGHT

Instruction in Oto-Laryngology is given to students of the third, fourth and fifth years and is designed to meet the needs of the general practitioner.

The clinical courses are carried on in the wards and out-patient departments of the Montreal General and the Royal Victoria Hospitals, where the large clinics afford the students ample opportunity of receiving practical instruction. In these two hospitals there are about fifty beds set apart for this specialty.

The practical work is conducted in small groups so that personal instruction and supervision are given to each student.

Third Year:

An introductory course of five demonstrations is given to students of the third year. These demonstrations deal with the normal anatomy of the ear, nose, throat, and with methods of examination. An opportunity is also afforded of studying rœntgenograms of normal and pathological nasal accessory sinuses and mastoids.

Fourth Year:

Five practical demonstrations are given on the common pathological conditions of the ear, nose, and throat.

Lecture Course:

Ten practical illustrated lectures are given to the whole class. Special emphasis is laid on those surgical procedures which the general practitioner should be capable of performing.

Instruction will be given on the practical value of the bronchoscope in the diagnosis and treatment of diseases of the tracheo-bronchial tree and the œsophagus.

Professor————

Fifth Year:

Ten clinical demonstrations are given in the out-patient departments and wards of the hospitals. The students are expected to examine the patients and report on them. Differential diagnosis and treatment is stressed.

Text-books:—Chevalier Jackson and Coates; St. Clair Thomson; Logan-Turner; Kerrison.

GRADUATE INSTRUCTION

1. Any graduate who so desires may attend any of the regular undergraduate courses. This opportunity frequently appeals to many of our graduates, who find in this plan a means of bringing their knowledge of medicine up to date.

2. **Special graduate work** is offered in every department, both in the laboratories and in the clinics, at any period during the year, provided the graduate is willing to assign himself for serious work to one service. Application for this privilege should be made to the Dean or to the Head of the Department in which the graduate desires to occupy himself.

Vide under heading of "Departments of Physiology, Pathology, Anatomy, Hygiene, etc."

3. **Course for Diploma of Public Health:** This course is specially designed as a thorough training for medical men undertaking the duties of a Medical Officer of Health.

The duration of the course is at least eight months (October 1st to May 31st).

The curriculum is as follows:—

(a) A course of lectures dealing in a comprehensive manner with the general principles of public health and preventive medicine.

(b) Bacteriology—a full practical course in general bacteriology, with special application to public health.

(c) (1) *Sanitary Chemistry*. Examination of air, water and water supplies in general, the commoner foods and beverages, sewage and sewage effluents, etc.; chemical investigations connected with trades and occupations; (2) *Physics*. General principles only in their application to hygiene.

(d) Practical public health work. An extended course under a M.O.H., affording facilities for instruction in public health relating to housing, factories, work-shops and industrial establishments, schools, waterworks, sewage plants, refuse distribution, abattoirs, dairies and milk stations, welfare centres, etc.

(e) Public health legislation and administration. Statutes and by-laws relating to public health and the powers of health authorities; administration of the office of a Medical Officer of Health.

(f) Vital statistics. Calculation and tabulations of returns of births, marriages and deaths and diseases.

(g) Meteorology and climatology; geographical and topographical distribution of disease.

Candidates for this diploma may claim exemption in any of the above subjects on presentation of adequate certificates.

Qualification for the diploma includes a knowledge of communicable diseases, of child hygiene and mental hygiene, the use of meteorological, hygienic and sanitary apparatus.

The successful candidate must further know the appearance of healthy and diseased tissues of animals, and their microscopic examination.

Finally, he must show a capacity to formulate a report on public health conditions in an actual locality and make annual and other reports as required by Officers of Health.

These examinations are written, oral and practical.

The fee for the course is $110.00 for British Subjects and $140.00 for non-British Subjects.

4. Special Courses. Graduates desiring instruction in any special branch of Public Health and Preventive Medicine, such as School Health Services and Industrial Hygiene, should apply to the Head of the Department. Courses will be arranged, suitable for the applicants, in order that they may receive full benefit from the time devoted to the course.

BUILDINGS

THE MEDICAL BUILDING

This Building, erected in 1911, at a cost of over $600,000, contains the Offices of Administration, the Medical Library (with its 48,000 volumes, its Reading Rooms and their complete set of technical journals), the Departments of Anatomy, Histology, Hygiene, Pharmacy, and the magnificent Museums of Anatomy, Pathology and Ethnology. The Faculty of Dentistry is also in this Building.

The Department of Anatomy, with its commodious laboratories, its dissecting room, with 50 tables, and its very unusual abundance of material, affords unequalled facilities for students. Moreover, graduates who desire opportunities for research are adequately cared for in this Department.

The Department of Histology and Embryology, too, has excellent facilities, with laboratory space for 120 students, and smaller laboratories for research.

THE BIOLOGICAL BUILDING

Completed in 1922 at a cost of over $500,000, this edifice was erected on the site of the original Medical Building, which was partly destroyed by fire in 1907. This extensive structure—184 feet by 60 feet—houses on each of its floors laboratories devoted respectively to Botany, Zoology, Biochemistry, Physiology and Pharmacology.

Each of these departments is amply provided with laboratories and units for undergraduate teaching and graduate research.

Adjacent to and connected with the Biological Building is the Laboratory for Experimental Surgery. This two-storey building contains two operating units with sterilization and anæsthetic rooms, as well as commodious quarters for the storage of animals and their care during convalescence. The equipment is very complete and includes a refrigerator plant and kitchen.

THE PATHOLOGICAL INSTITUTE

This Building, which was opened for use in October, 1924, and which is connected with the Royal Victoria Hospital by a tunnel, is situated on the Northeast corner of University Street and Pine Avenue, adjacent to the Medical Building. It provides accommodation for the departments of Pathology, Bacteriology and Medical Jurisprudence, and includes a Pathological Museum and museum workshops. It combines under one roof, quarters for teaching and research in these departments, both for the

University and for the Royal Victoria Hospital. From the latter is drawn chiefly its material. It was constructed at a cost of $460,000; is of Montreal limestone; its main front is 242 feet long; the north end is 77 feet wide and the south end 60 feet. It provides ample facilities and equipment for instruction of students, and the research work of the Staff.

HOSPITALS

Few medical schools on this Continent offer better facilities than those enjoyed by the students of McGill University. Ideal academic and topographical conditions exist for the teaching of scientific and practical medicine.

The Medical School is on the University Campus, and is thus in juxtaposition to the scientific laboratories of the University and to the largest teaching hospital in the city. Co-operation with the scientific and cultural departments of the University, as well as with clinical facilities, is thus made easy.

The following hospitals and institutions are at the disposal of the teaching staff and students for clinical and pathological study:—

Royal Victoria Hospital.
Montreal General Hospital.
Children's Memorial Hospital.
Foundling Hospital.
Alexandra Hospital for Infectious Diseases.
Verdun Protestant Hospital.
Royal Edward Institute for Tuberculosis.
The Royal Victoria Montreal Maternity Hospital.

The staffs of these institutions are appointed with the co-operation of McGill University and, for the most part, are teachers in the Medical School. These affiliated hospitals contain over 2,000 beds.

The Royal Victoria Hospital, in juxtaposition to the University building, is a general hospital for acute diseases and contains 680 beds. During 1932 it cared for 13,501 cases, while in its outdoor department 96,791 cases were treated. Many new additions have been made to the Hospital. A modern University Medical Clinic was established in 1924.

There were 275 post-mortems during 1932.

The number of resident physicians is 38.

The Royal Victoria-Montreal Maternity Pavilion, with 200 beds for obstetrical and gynæcological cases, was opened in June, 1926. In this institution there are 100 teaching beds and an organized out-patient service which is of the greatest benefit to the undergraduate

student. During the year 1932 the obstetrical service cared for 2,499 cases, with 2,168 confinements in the Hospital and 455 in the Out-patient Service, a total of 2,623. In the gynæcological section, 1,463 cases were admitted during the year.

There are nine resident physicians.

The Montreal General Hospital is a general hospital for the treatment of acute diseases and contains 397 beds. In 1932 there were 7,400 admissions to its wards. The large, reconstructed out-patient department, probably the finest in this country, received last year 164,372 visits. Many modern additions to the original buildings have been made. There is also a large biochemical laboratory, completely equipped for the investigation of the metabolic aspects of disease.

There were 275 post-mortems during the year.

The number of resident physicians is 48.

The Dental Clinic of the University, completed in 1921, has 50 dental chairs with a large and varied clientele.

The Western Division of the Montreal General Hospital—The Western General Hospital. A hospital for the treatment of acute diseases, with 85 beds. It is hoped that this hospital will soon afford additional opportunities for teaching. The post-mortem and surgical material is now being used for teaching. During the year 1932 there were 1,788 admissions to the wards and 69,529 patients were treated in the out-patient department.

There were 41 autopsies during the year.

The number of resident physicians is 7.

The Children's Memorial Hospital has 335 public beds, and, in 1932, admitted 3,249 patients. The attendance at its out-door department totalled 27,323 patients. This hospital, while primarily for orthopædic cases, now admits all varieties of patients, and enables the students to get a broad conception of pædiatrics. Of special interest are the newly-built wards with cubicles, the Departments of Remedial Gymnastics, the Open-air Pavilion, and the well-equipped out-patient service.

There were 105 autopsies during the year.

The number of resident physicians is 11.

A summer course, lasting four weeks, has for several years enabled students and practitioners to become acquainted with many of the most important phases of modern pædiatrics.

The Montreal Foundling and Baby Hospital has been taken over by the Children's Memorial Hospital, and the two institutions will be used as before for the teaching of students. The Foundling Hospital affords a large amount of clinical material and gives special facilities for instruction in child welfare and infant feeding. There are 75 beds.

The Alexandra Hospital for Infectious Diseases, opened in 1906, with modern wards, cubicles and equipment, is regularly attended by students, who receive demonstrations on the essential features of the exanthemata.

There are 155 beds, and, in 1932, 1,392 patients were admitted to the hospital. There were 25 autopsies.

The number of resident physicians is 4.

The Verdun Protestant Hospital has 1,100 beds. It serves to instruct students in the diagnosis and treatment of the psychoses. Students are taken about the wards in groups, and are required to report on cases and discuss the general problems of psychiatry with the teachers. Occupational therapy is emphasized.

The Royal Edward Institute in its new building on Pine Avenue has space for 25 beds, with operating room, X-Ray equipment and modern facilities for the examination of patients, is essentially a dispensary for tuberculosis and offers adequate material for teaching students, in groups, the essential features of pulmonary disease.

The Royal Victoria Hospital is adjacent to the Medical School, while the other affiliated hospitals are within easy access. These hospitals, with their large clinical and laboratory facilities, and their close affiliation with the University, offer excellent opportunities for the study of disease in all its phases.

LIBRARY

HONORARY LIBRARIAN:—DR. C. F. WYLDE

The Library occupies the central part of the Medical Building, the whole front of the second and third floors, as well as a portion of the first floor. On the third floor is the magnificent reading room, 76 x 24 feet, exceptionally well lighted, and capable of accommodating seventy-five readers. On this floor also are the journal room and private office. The second floor contains the stack room, the book stacks at present containing about 48,000 volumes, as well as eight sections of unbound material in cases, such as hospital reports, university calendars, government publications and theses and having a total capacity of sixty thousand volumes; also three study rooms. On the first floor are the cataloguing rooms, offices and pamphlet room.

A special feature of the Library is the journal collection, and every effort is being made to complete this section as far as possible, and thus to increase the value of the reference department of the Library. Through the generosity of interested friends there is also a valuable collection of approximately one thousand volumes of early works on the History of Medicine, dating from the fifteenth century. These can be consulted at the Library. The Library is also very rich in ophthalmological material, largely through the interest of Dr. Casey A. Wood, who not only has given his private collection, but has continued each year to send many valuable books and periodicals.

A complete journal collection is listed in the Catalogue of Scientific Periodicals in Canadian Libraries, and also in the Union List of Serials published by the W. H. Wilson Company.

The Library is for the use of the members of the Teaching Staff, graduates of the Medical Faculty of the University, undergraduate students in the Faculty, graduates from other colleges showing proper credentials, and registered nurses. It is felt that graduates living at a distance are not aware of the fact that books may be borrowed from the Library on payment of carriage both ways.

The Library is closed on Sundays, but is otherwise open daily during term from 9 a.m. to 9.30 p.m., except Saturdays, when it is closed at 5 p.m. After June 1st it is open from 9 a.m. to 5. p.m.; Saturdays, 9 a.m. to 1 p.m. During July and August it is closed on Saturdays.

THE OSLER LIBRARY

LIBRARIAN:—W. W. FRANCIS

This special library of the history of medicine and science, collected by Sir William Osler with a view to its educational value, was bequeathed by him to his Alma Mater. The Osler Library, which comprises about 7,600 volumes, occupies a large room, beautifully equipped, on the third floor, convenient to the Medical Library. The collection is rich in early editions of the older literature, as well as in modern historical works; and its importance and usefulness are much enhanced by the donor's annotated catalogue. Planned and prepared by Osler along very unusual lines, the catalogue has been completed, indexed, and printed since his death ("Bibliotheca Osleriana," Clarendon Press, Oxford, 1929, xxxvi, 785 pp.).

The books are classified in eight sections, of which the first, the "Bibliotheca Prima," presents a bibliographical outline of the evolution of science (including medicine), and was planned to contain the essential literature arranged chronologically under the names of the greatest contributors to the advancement of knowledge. Another feature of the Library is its Incunabula, a valuable collection of 136 books printed in the fifteenth century.

The Osler Library is open daily, except Sunday, for the use of undergraduates and all who are interested. The Librarian will be glad to give advice or informal instruction to students. Accommodation is provided for readers. The books belonging to the original collection may not be borrowed or removed from the Library, but this restriction does not apply to the current works on the history and biography of medicine and science which are constantly being added.

MEDICAL SOCIETIES

1. THE McGILL UNDERGRADUATE MEDICAL SOCIETY

The Society is composed of the registered students of the Faculty. Its purpose is:—

(1) To transact all matters of business connected with the undergraduate body.

(2) To stimulate interest along medical lines.

(3) To assist students to express themselves in public with facility.

(4) To provide an enjoyable social evening, at the same time developing a strong spirit of faculty loyalty.

Meetings are held every alternate Monday, at which addresses are given by prominent professional men, medical and otherwise. Case reports are also read and discussed by the members themselves.

The annual meeting is the last meeting in the spring, when the following officers are installed: Hon. President (elected from the Faculty), President, Vice-President, Secretary, Assistant Secretary, Treasurer, Reporter and three Councillors (of whom two are chosen from the Faculty). These officers are elected by ballot one week before the annual meeting.

A prize competition has been established in the senior and junior subjects. The senior are open to all to write upon, while only students of the first three years are allowed to compete in junior subjects. The papers are examined by a board selected by the Faculty, and two prizes are awarded in each division. The papers are subject to the call of the Executive on December 1st, and must be handed in for examination before February 1st. The Society also controls the Students' Reading Room. English and American journals, as well as the leading daily newspapers, are kept on file.

2. ALPHA OMEGA ALPHA HONORARY MEDICAL SOCIETY

This Society, which has Chapters in the various Medical Colleges of Canada and the United States, established a subsidiary branch at McGill University in 1912.

There are honorary, graduate and undergraduate members. Honorary members are selected from such teachers as are more particularly interested in the advancement of scientific medicine. Undergraduate members are selected from those students who, during their earlier academic career, have shown promise of development and have attained honour rank. They are eligible for election in the Fourth and Fifth years.

Meetings are held every month throughout the session, and papers are read by honorary and active members, as well as by graduates. Once during the year an open meeting is addressed by a visitor who is prominent in the medical world.

3. THE OSLER SOCIETY

The Osler Society was founded in the Spring of 1921 by a number of undergraduates in Medicine, its object being to perpetuate the memory and teachings of Sir William Osler by the reading of papers and discussion of topics reflecting his ideals of a liberal medical education. Thus those interested may supplement their clinical and scientific knowledge by the consideration of those topics of medicine which are of historical and literary significance.

The membership includes men from each class in the Faculty. Several professors have shown an active interest in the Society and have added a more mature note to the discussions. Each year an Honorary President has been elected from this older group.

McGill University has been greatly enriched by the gift of the Osler Library, bequeathed by Sir William. Members of the Society are fortunate in having ready access to this unique source of original material, comprising as it does a rare and valuable collection of some 8,000 volumes and pamphlets devoted to the history of science and medicine from the time of Hippocrates.

FACULTY OF DENTISTRY

FOUNDATION AND HISTORY

The Dental Department of McGill University was established as a Department of the Faculty of Medicine in the autumn of 1903. At that time the didactic teaching and laboratory work were carried on in the lecture rooms and laboratories of the Medical Building, clinical instruction being given at the Dental Infirmary, a clinic conducted by the Dental Association of the Province of Quebec. This arrangement fulfilled the requirements of the Department for a time, but soon the need of separate quarters for didactic and laboratory instruction and also of improved clinical facilities was felt. These have been supplied, first, by the assignment to the Department of a portion of the east wing of the Medical Building, and, second, by the establishment of a clinic at the Montreal General Hospital.

The new quarters of the Faculty occupy the northern half of the first floor of the east wing of the Medical Building. Here are provided all the necessary lecture rooms and laboratories, as well as private rooms for the members of the staff. The laboratories are equipped with the latest apparatus and appliances for teaching practical dental operations.

The clinic at the Montreal General Hospital was established in connection with the out-patient department of the Hospital in the early part of the session 1908-09.

The rapid growth of the Faculty, however, soon made necessary the enlargement of the facilities for teaching Clinical Dentistry, and so in 1921 the University, acting conjointly with the Governors of the Montreal General Hospital, thoroughly remodelled the space used for the clinic, and in addition erected a new wing 80 ft. x 36 ft.—the entire wing being occupied by dental chairs and other equipment. This gives to the Faculty a thoroughly equipped dental clinic. In addition to the splendid equipment and facilities provided in the Hospital clinic, students of the Dental Faculty share with the other departments the advantages of the great Hospital with which it is connected, such as a splendid X-ray department and a well-managed pathological department. They have also the privileges of the surgical operating amphitheatre, and the Hospital anæsthetists are always available for operations.

ENTRANCE REQUIREMENTS

Every candidate for admission to the First Year in the Faculty of Dentistry must have completed two full years in the Faculty of Arts of a recognized university, including lectures and laboratory work in *Chemistry* (Inorganic and Organic), *Physics* and *Biology*.

In the case of those who intend to practise in the *Province of Quebec* it is essential that the candidate should take at least the second of these two years in a recognized English University in this Province.

Courses specially designed to meet these requirements are offered in the Faculty of Arts and Science of McGill University, where a student may take the two years of study required, or the second of the two if he has satisfied the requirements of the first by Senior Matriculation, or otherwise.

Particulars of the Junior and Senior Matriculation Examinations are given on pages 75 and 87.

PROVINCIAL REGISTRATION

Intending students are reminded that a University degree in Dentistry does not itself give a right to practise the profession of Dentistry. It is necessary to comply with the Dental laws of the country, state, or province in which it is proposed to begin practice. Each province in Canada at present has special requirements for its licence, and in all of them a certain standard of general education is insisted upon before the study of Dentistry may be begun. *Students who intend practising in Canada are advised to register their qualifications in the province in which they intend to practise, before they begin their University course.*

The following is a list of the Registrars of the Dental Boards of the several Canadian provinces. Students are advised to write for information whenever they are in doubt as to the regulations of any province.

**Ontario*—W. E. Wilmott, Toronto.
**Nova Scotia*—Geo. K. Thompson, D.D.S., Halifax.
**New Brunswick*—F. A. Godsoe, D.D.S., St. John.
**Prince Edward Island*—J. S. Bagnall, D.D.S., Charlottetown.
**Manitoba*—H. F. Christie, D.D.S., 626 Somerset Block, Winnipeg.
**Alberta*—A. E. Hennigar, D.D.S., Herald Building, Calgary, Alta.
**Saskatchewan*—L. J. D. Faskin, Regina.
Quebec—Dr. Denis Forest, 3632 Park Ave., Montreal.
British Columbia—Albert Brighouse, Vancouver.

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*Members of the Dominion Dental Council.

DOMINION DENTAL COUNCIL OF CANADA

Seven of the nine Canadian provinces (*i.e.*, all but Quebec and British Columbia) have entered into an agreement whereby the holder of a licence granted by the Dominion Dental Council may practise in any of the subscribing provinces. In order to obtain this licence a candidate must: (1) hold a matriculation certificate of the proper standard; (2) pass the examination set by the council, and (3) pay the local provincial registration fee.

The Secretary of the Dominion Dental Council is Major W. D. Cowan, M.P., Regina, Sask.

MEDICAL EXAMINATION, VACCINATION, ETC.

See page 100.

REGISTRATION

Students in Dentistry register at the Office of the Registrar between Wednesday, September 12th and Tuesday, September 18th. Students registering after that date are required to pay a late fee. This late fee is not refunded except for satisfactory reasons and by authorization of the Faculty. No students are admitted after the 8th of October.

FEES

Tuition Fees

1. Annual undergraduate fee for British* students..... $250.00
   By instalments: Each of two instalments..... 127.50
   Annual undergraduate fee for Non-British* students..... 300.00
   By instalments: Each of two instalments..... 152.50
2. Undergraduates repeating a year pay one-half the regular tuition fee, which includes dissecting material, chemical reagents, laboratory fees, etc. Students repeating the Third or Fourth year are required to pay in addition a hospital fee of $25.
3. Qualified partial students are admitted to one or more courses on payment of special fees. For further particulars consult the Dean's Office.

Other University Fees

4. Registration (British)*..... $ 5.00
   Registration (Non-British)*..... 10.00
   The registration Fee is paid only once—when the student first enters the University.
   Late registration, after Sept. 18th..... 5.00
   Late registration, after Sept. 25th..... 10.00
   Annual Health Service (see page 100)..... 5.00
   Supplemental Examinations, per paper..... 10.00
   Receipts for supplemental examinations must be shown to the Dean's Office before the examination.
   Graduation (British)*..... 10.00
   Graduation (Non-British)*..... 15.00
   Conferring degree *in absentia*..... 10.00
   Duplicate Diploma..... 10.00
   Certified copy of record, each..... 1.00
   Ad eundem fee for students entering from another University in any year above the First..... 10.00
   Fine for late medical examination (see page 100).....5.00 or 10.00

*Domicile will in general determine whether a student pays the British or the Non-British fees. A student who is uncertain which rate he will be required to pay should consult the Registrar.

5. *Caution Money.* Every student is required to deposit $10 as caution money to cover damage done to university property. This amount, less deductions, is returned at the end of the session.
6. A Dental Cabinet may be rented during the academic year for a fee of $10.

Students' Activities

7. A sessional fee of $17 is payable by all men undergraduates and $12 by all women undergraduates, for the support of student organizations, for the rinks and tennis courts, and for admission to all home games under the control of the Athletic Board.
8. Partial students pay $3 for athletics and athletic grounds. If they desire such of the privileges of Section 7 as are open to them, an additional $9.50 is charged for men students and $7.50 for women students.

General Regulations

9. Fees are due and payable at the Bursar's Office on Thursday, September 20th, Friday, September 21st, and Saturday, September 22nd, but they may be paid before the above dates. The second instalment of tuition fees is due and payable on February 1st. An additional $2 is charged for payment after the specific dates.
10. Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of Regulation 9.
11. Any student who fails to pay his fees within a month of the prescribed date is suspended until all the fees due have been paid.
12. All fees are payable in Canadian currency.

INSTRUMENTS

With the exception of extracting instruments, lathes, and vulcanizers, each student is required to furnish his own instruments and appliances for both laboratory and operating room, and is not permitted to enter the Course until he is thus supplied.

The approximate cost of instruments and supplies for the First and Second Years is $300, which includes an Anatomical Articulator, and an Engine.

Third Year approximate cost	$100.00
Fourth Year approximate cost	75.00

All of these instruments and this equipment will be required for office use when the student enters practice and should be regarded as an investment for that purpose rather than a university expense.

A list of the above instruments may be secured at the Dean's Office, and arrangements have been made with local Dental Supply Houses in order that the student may benefit by a special trade discount.

UNIVERSITY LOAN FUND

A Student Loan Fund has been established by the University to assist needy students in the upper years of all Faculties. Loans are made only to students with good academic standing.

For further particulars students should consult Professor A. L. Walsh.

MEDALS AND PRIZES

The F. A. Stevenson Gold Medal.—Awarded to the student in the Final Year who stands first in the science and practice of Dentistry. The standing is determined not only by the written and practical examinations at the end of the year, but by the general work of the student during the whole course.

The Lieut.-Governor's Silver Medal.—Awarded to the student in the Final Year who stands highest in the practical work done during the year and at the final examinations.

The Lieut.-Governor's Bronze Medal.—Awarded to the student obtaining the highest marks in the Third Year examinations, in Dental Pathology and Dental Therapeutics.

Final Year Prize.—A prize in books is awarded to the Final Year student who stands second in the class. The standing is determined in a manner similar to that followed in the awarding of the gold medal.

The following prizes are given by The Mount Royal Dental Society:—

Third Year Prize.—Two prizes (first and second), in books, are awarded in the Third Year. The method of determining the winners of these prizes is similar to that adopted in awarding the prizes in the Final Year.

First and Second Year Prizes.—A prize in books is awarded to the student obtaining the highest standing at the sessional examinations.

COURSE FOR THE DEGREE OF D.D.S.*

Candidates for the degree of D.D.S. must complete two years of study in a College or Faculty of Arts, with Physics, Inorganic and Organic Chemistry and Biology as compulsory subjects, before entering upon the four-year course in this Faculty. The curriculum is as follows:—

First Year

Anatomy (human)
Dental Anatomy
Histology, Medical
Physiology
Metallurgy
Prosthetic Technique
Operative Technique
Histology—Dental

Second Year

Crown and Bridge Work
Operative Technique
Orthodontia
Prosthetic Technique
Bacteriology
Biological Chemistry
Pharmacology
General Pathology

Third Year

Crown and Bridge Work
Dental History, Ethics and Office Management
Dental Jurisprudence
Dental Materia Medica and Therapeutics
Operative Dentistry
Orthodontia
Prosthetic Dentistry
Dental Radiography
General Anæsthesia
Dental Surgery
Local Anæsthesia
Dental Pathology

Fourth Year

Operative Dentistry
Orthodontia
Prosthetic Dentistry
Oral Surgery
Crown and Bridge Work
Oral Hygiene

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*It should be understood that the programme and regulations regarding courses of study and examinations contained in this calendar hold good for this calendar year only, and that the Faculty, while fully sensible of its obligations towards the students, does not hold itself bound to adhere absolutely, for the whole four years of a student's course, to the conditions here laid down.

EXAMINATIONS

Frequent oral examinations are held to test the progress of the student, and occasional written examinations are given throughout the session.

A minimum of 50 per cent in each subject is required to pass, and 75 per cent for honours.

All examinations in each year must be passed before a student is allowed to advance to the next.

Candidates who fail at the regular examinations in not more than three subjects of the First, Second or Third Years, may, at the discretion of the Faculty, be allowed to take the supplementary examinations before the beginning of the following session. These examinations are held during the week preceding the regular opening of the session.

Failure in more than three subjects of the First, Second or Third Years at the regular examination excludes the candidate from advancement.

Students who fail in one subject only of the Final Year may, at the discretion of the Faculty, be allowed a supplementary examination in that subject. Should the subject be one in which practical or clinical work is required, the student must furnish a certificate of additional clinical attendance or laboratory work before presenting himself for examination.

Applications for supplemental examinations must be in the hands of the Dean at least three days before the date set for the beginning of the examination, and must be accompanied by a fee of $10.00 for each subject.

QUALIFICATIONS FOR THE DEGREE

1. No one is admitted to the degree of Doctor of Dental Surgery who has not attended lectures for a period of four sessions in the Dental Faculty of this University, or partly in this University and partly in some other approved university, college or school of dentistry.

2. Students of other universities, so approved, who may be admitted on production of certificates to a like standing in this University, are required to pass an oral examination in primary subjects, and all examinations in the final subjects in the same manner as students of this University.

No one is permitted to become a candidate for the degree who has not attended at least one full session at this University.

3. Candidates for the final examination must furnish testimonials of attendance on the branches of dental education mentioned on page 337; provided, however, that testimonials equivalent to, though not precisely the same as these, may be presented and accepted.

COURSES OF LECTURES

ANATOMY

THE ROBERT REFORD PROFESSOR:—S. E. WHITNALL
PROFESSOR OF HISTOLOGY AND EMBRYOLOGY:—J. C. SIMPSON
ASSOCIATE PROFESSOR OF ANATOMY:—
LECTURER IN ANATOMY:—H. E. MACDERMOT
LECTURER IN HISTOLOGY:—W. M. FISK
SENIOR DEMONSTRATOR IN ANATOMY:—D. S. FORSTER

DEMONSTRATORS IN ANATOMY:—
E. H. CAYFORD
R. R. FITZGERALD
R. M. H. POWER
P. G. SILVER
G. A. FLEET
A. ROSS
H. M. ELDER
W. W. RUDDICK
G. D. LITTLE
J. R. LOCHEAD

The course covers one year, and is planned so that after making a general survey of the whole body, the dental student concentrates his attention on the head and neck. He is thus enabled to study in greater detail those parts which are related to his particular province, and he avoids spending undue time over regions which possess no special educational or professional value for him.

First Year:—The student takes the First Year medical course of three lectures and twelve hours' practical work a week during the first two terms, thus studying the body exclusive of the lower limb.

Histology, Embryology and Dental Histology

First Year:—Two lectures and three laboratory periods per week for the First and Second Terms.

Dental Histology

2 hours per week during the Third Term.

The course includes:—

(1) A survey of the general principles of embryology and of the early stages in the development of the human embryo.

(2) A detailed study of the fundamental tissues of the human body.

(3) A study of the development and microscopic structure of the organs and systems, in which the head and neck and the circulatory, digestive and respiratory systems are considered in detail, whilst the remaining systems are treated in a more general way.

Text-books:—Gray's Practical Anatomy, Walmsley; *Histology*, Jordan, Noyes, Schafer's Elements, Bailey.

DEPARTMENT OF BACTERIOLOGY

PROFESSOR:—E. G. D. MURRAY

LECTURERS:—FREDERICK SMITH, W. W. BEATTIE

DEMONSTRATOR:—D. H. STARKEY

All lectures and laboratory courses are given in the Department of Bacteriology (Institute of Pathology).

COURSE 1.—*Elementary Medical Bacteriology and Immunity.*

30 lectures and 60 hours Practical Work, supplemented by Tutorial Classes. Third term.—Available to Students of Dentistry on the completion of their studies in Anatomy, Physiology, Histology and Biological Chemistry.

A choice of one of the following books is recommended:—

T. J. Mackie & J. E. McCartney: "Practical Bacteriology," published by Livingstone; J. W. Bigger: "Handbook of Bacteriology," published by Bailliere, Tindall & Cox.

PHARMACOLOGY

PROFESSOR:—R. L. STEHLE

LECTURER:—K. I. MELVILLE

A course of ten lectures concerned with those phases of pharmacology which are of importance in dentistry, supplemented by five laboratory periods or demonstrations.

Text-books:—Cushny's, Sollmann's or any other standard text.

BIOCHEMISTRY

PROFESSOR:—J. B. COLLIP

ASSOCIATE PROFESSOR:—D. L. THOMSON

A required course of lectures and laboratory exercises, conferences and laboratory work is offered, in which one section of the general field is treated in greater detail. This course is taken along with the medical students.

REQUIRED COURSES

1. Biochemistry—Lecture Course:

This course forms a general introduction to the subject and is divisible into four parts: first, a survey of the chemical nature and physicochemical properties of the foodstuffs and the constituents of living matter; second, an account of the transformations undergone by these substances in digestion and metabolism; third, the principles of the science of nutrition; fourth, an introduction to pathological chemistry.

Text-books:—Bodansky: "Introduction to Physiological Chemistry." Cameron: "A Text-book of Biochemistry."

Reference books:—Peters & van Slyke: "Quantitative Clinical Chemistry," Gortners: "Outlines of Biochemistry," Thomson: "The Life of the Cell," Lusk: "Science of Nutrition."

Monday and Friday at 10, Wednesday and Saturday at 9, during the Autumn and Winter terms.

2. Biochemistry—Laboratory Course:

The exercises will deal with the practical side of the subjects treated in the lecture course, such as the chemical properties of the carbohydrates, fats, and proteins, and the qualitative and quantitative analysis of blood, urine, and other body fluids for their most significant constituents, by volumetric and colorimetric methods. A synopsis of the course is issued by the Department.

Reference books:—Hawk & Bergeim, "Practical Physiological Chemistry"; Folin, "Laboratory Manual of Biological Chemistry."

Six hours a week. Monday, Wednesday and Friday mornings in the Autumn and Winter terms.

CROWN AND BRIDGE WORK

LECTURER:—W. C. BUSHELL

DEMONSTRATOR:—P. R. MARCHAND

The course in Crown and Bridgework extends from the third semester of the Freshman year, through the Sophomore, Junior and Senior years.

During the third semester of the Freshman year, the student is given training in the manipulation of wax—the technique of casting and the art of soldering. (First Year—60 hours—Third term.)

The work of the second year is chosen with a view to giving the student a through course in technique. Throughout the three terms of the second year, the student is taught the technical steps in the construction of various types of crowns—a most thorough course in casting technique—soldering and also a study of materials used, such as wax, compound, investments, etc. The third term is devoted entirely to inlays by the Indirect System, both as fillings and as bridge abutments, cavity preparations—impression taking—die making—obtaining wax pattern —investing and casting same. (Second year—120 hours—1st-2nd-3rd terms.)

In the second and third terms of the Junior year, the student is given four bridges to construct on a typodent. Bridgework of both fixed and movable types with special emphasis on abutment preparation for vital teeth. Technique of construction of the different types of bridge pontics. (Junior Year—60 hours—2nd-3rd terms.)

The laboratory course parallels the lecture course. A series of lectures are given discussing the principles of fixed and removable bridgework—indications and contra-indications—choice of abutments—construction of pontics.

The first and second terms of the Senior year are given up to Ceramics. The students are required to construct a porcelain Jacket Crown—a porcelain bridge and an inlay on a model. Lectures are continued in the Senior year.

In the third and fourth years, the student is given practical work in the clinic. Each student is required to complete satisfactorily a certain number of bridge restorations. By means of lectures and personal demonstrations each student is taught how to examine the mouth and how to diagnose different conditions with an aim in view of properly designing appliances which will restore the mouth to health and functional occlusion.

Reference books:—"Dental Anatomy"—Diamond—published by "Dental Items of Interest"; "Modern Crown & Bridgework"—Doxtater—"Dental Items of Interest"; "Inlays by the Indirect System"—Gillet & Irving—"Dental Items of Interest"; "Cavity Preparation & Abutment Construction"—Schwartz—"Dental Items of Interest"; "Art of Porcelain in Dentistry"—Felcher—"Dental Cosmos"; "Ceramics in Dentistry"—Le Gro—"Dental Items of Interest"; "American Textbook of Prosthetic Dentistry"—Lea Fiberg.

DENTAL ANATOMY

LECTURER:—CAMPBELL MORRIS

This course, given in connection with general anatomy in the First Year, aims at giving the student a thorough knowledge of the size, shape, uses, and general construction of the natural teeth, their articulation and composition.

This is accomplished by lectures and demonstrations, with the use of drawings, models and lantern slides.

The student is required to carve in plaster four teeth three times natural size and fourteen teeth natural size representing all the forms in the human mouth, which are then articulated anatomically.

Different sections of extracted teeth are made, to familiarize the student with the relationship of the different structures composing the teeth.

The total time given this subject during the First Year is five hours a week for a period of twenty-six weeks, total of one hundred and ten hours, divided as follows:—one hour a week devoted to lectures, twenty-six hours; the balance to demonstrating, modelling, carving, making sections, etc., one hundred and four hours.

Text-book:—Black, G. V., Diamond, M.—Macmillan Co., New York.

DENTAL HISTORY, ETHICS AND OFFICE MANAGEMENT

LECTURER:—CAMPBELL MORRIS

History:—

This course is intended to give the student an intelligent conception of the evolution and development of dentistry from the primitive conditions and methods of the past to the present standing of the profession as a branch of the healing art. The relation of some of the outstanding men of the profession to this development will also be dealt with.

Ethics:—

Under this head the moral, social and business relationships between the dentist and his patient will be discussed, as well as his duty to the public, his fellow practitioner, and himself.

Office Management:—

Under this head the business of the dentist's life will be considered. The question of office equipment, keeping of appointments, overhead charges, methods of determining fees, office assistants, etc., will be taken up.

DENTAL JURISPRUDENCE

ASSOCIATE PROFESSOR:—F. R. SCOTT

A discussion of the laws governing the practice of Dentistry, their necessity and purpose.

The responsibility of the dentist under the laws of the Province, his position as defendant in suits for damages and as plaintiff in suits for fees, etc., are fully explained.

PATHOLOGY

PROFESSOR OF DENTAL PATHOLOGY:—FRED. G. HENRY
PROFESSOR OF PATHOLOGY:—HORST OERTEL
LECTURER AND DOUGLAS FELLOW IN PATHOLOGY:—W. H. CHASE

Dental Pathology.

This course is given to the students of the Third Year, and includes a consideration of the various diseases of the enamel, dentine, dental pulp and peridental membrane, their symptomatology and treatment, also a consideration of abnormal conditions of the tissues of the oral cavity with a description of treatment and management of these diseases.

Special attention is also given to pathological condition of the nerve structures of the head and their connection with the diseased conditions of the dental tissues.

The mitigation of pain in dental operations receives special attention and the various means employed fully developed and explained, and such directions given as will enable the student to avoid methods and drugs harmful to the tissues.

Text-books:—Prinz, "Diseases of the Soft structures of the teeth"—Lee & Febiger; Burchard, Inglis, "Dental Pathology and Therapeutics"—Lee & Febiger; Bunting, "Oral Pathology"—Lee & Febiger.

MATERIA MEDICA AND THERAPEUTICS AND LOCAL ANAESTHESIA

PROFESSOR:—FRED. G. HENRY

In the Third Year a course of demonstrations and lectures in this subject is given, extending throughout the whole session. This comprises the study of the physical properties, chemical composition and physiological action of the various medicinal substances used in the treatment of diseased conditions of the dental organs and morbid conditions of the oral

cavity, together with their various applications, doses, antidotes, and contra-indications, with instruction in prescribing, etc. Anæsthesia and the various anæsthetics are also taken up, following that already given in the Second Year. A course on local anaesthesia is also given in the Third Year. This comprises lectures, and demonstrations pertaining to local anaesthetics employed in the oral cavity and dental organs; with consideration of the anatomy and structure of the parts. Special attention is given to block anaesthesia, also the various anaesthetics employed with a consideration of the indications and contra-indications for their uses.

Text-books:— Prinz; *Local Anæsthesia*, Arthur E. Smith; "Block Anaesthesia and Allied Subjects," C. V. Mosby & Co.; Posner, "Local Anaesthesia," C. V. Mosby & Co.; Dental Materia Medica Text-book, Prinz; "Materia Medica & Therapeutics," C. V. Mosby & Co.

DENTAL SURGERY

ASSOCIATE PROFESSOR:—A. L. WALSH

DEMONSTRATOR:—R. E. MCMAHON

Thirty lectures are given to the Junior Students in the above subject, which includes exodontia, cysts, fractures, and benign tumours, alveolectomy and apicoectomy. The Seniors are given clinics on practical cases and are required to complete one case during the year in any of the above, excepting exodontia.

METALLURGY

PROFESSOR:—ALFRED STANSFIELD

ASSISTANT PROFESSOR:—GORDON SPROULE

This course is given to Dental students of the First Year by the Metallurgical Department of the University.

It consists of twelve lectures of one hour, and twelve laboratory periods of two and a half hours each.

The lecture course covers:—

(1) Introductory lectures on the physical and chemical properties of metals, especially in relation to their use in dentistry.

(2) Methods of melting, casting and alloying metals in the laboratory.

(3) Methods of extracting metals from their ores.

(4) The nature and preparation of alloys, including amalgams.

(5) The metals used in dentistry (lead, zinc, tin, bismuth, cadmium, antimony, aluminum, copper, silver, gold, platinum, iridium, mercury, iron and steel) are considered separately in regard to their properties, uses in dentistry, and, as far as time allows, extraction from their ores. The separation, purification and alloying of gold, silver and platinum are specially considered.

(6) The manufacture, properties and uses of dental amalgams.

Text-book:—J. D. Hodgen, "Practical Dental Metallurgy."

The laboratory course includes experimental work with the metals; gold, silver, copper, lead, zinc, tin, aluminum, nickel, iron and steel.

The metals are melted, alloyed, cast, hammered, filed, cut, rolled, annealed and tested with acids and other chemicals.

The preparation of pure gold and silver is carried out and the production and testing of dental and other amalgams.

The course is given during the first term of each session by Mr. Sproule.

OPERATIVE DENTISTRY

PROFESSOR:—F. H. A. BAXTER

ASSOCIATE PROFESSOR:—A. L. WALSH

LECTURER:—W. G. LEAHY

DEMONSTRATOR:—LORNE F. MCRAE

The purpose of this course is to make the students thoroughly familiar with all modern and accepted methods. The course of lectures extends over two years and a half, and includes discussion of the treatment of caries; the preparation of cavities, the materials used for filling, the most approved instruments and appliances used in operating upon the teeth. Clinics will be held at the Dental Clinic, where ample material is provided and every available means used to make the student practically conversant with all the up-to-date knowledge of this important branch of dental science.

In conjunction with this course, operative technics is taken up, which provides a systematic course in manual training, thoroughly familiarizing the student with the anatomy of the teeth, and the shaping of cavities, from the simple to the more complex. This is carried out on models, using the different regular filling materials, scaling, bleaching, and, so far as possible, all of the operative procedures.

The Dental Clinic is open throughout the whole year, and students are advised to give as long a time to this work as possible. Each student must provide himself with the instruments necessary for his own use, a list of which will be furnished. He is required to perform all the usual dental operations as they present themselves, under the supervision of competent demonstrators, who are always at hand to offer advice and assistance under the direction of the Professor. Between the Second and Third Years, and also between the Third and Fourth Years, students are required to spend six weeks doing practical work in the Hospital Clinic.

Text-books:—G. V. Black; 2 volumes published by Medico-Dental Co., Chicago; C. N. Johnson; P. Blackiston & Son Co., Philadelphia. M. E. Jordan, "Dental Items of Interest."

Reference for Periodontia:—Stilman & McCall; "Clinical Periodontia," published by Macmillan Co., New York City.

ORTHODONTIA

PROFESSOR:—A. W. McCLELLAND

LECTURER:—GERALD FRANKLIN

LECTURER IN HISTOLOGY:—D. P. MOWRY

DEMONSTRATOR:—M. L. DONIGAN

ASSISTANT DEMONSTRATOR:—A. R. WINN

The course in this branch of Dentistry commences with the study of the embryology of the dental organs, covering growth, development and eruption of the teeth.

Orthodontia is taught in three full years of the dental course.

The work of the second year is chosen with a view to giving the student a thorough course in technique. Here, different kinds of free-hand soldering is taught, together with the making of simple appliances; the taking of impressions and the making of plaster models is also taken up in this year.

The third year's work may be divided up into three parts, Practical, Theoretical and Clinical. Advanced appliance technique, plaster work, etc., comprises the practical work of this year.

Ten lectures are given, covering terminology, occlusion and classification, which is deemed sufficient to enable the student to enter on the more difficult theoretical problems of his final year.

Following the lectures, group chair-clinics are given, when patients are examined, simple cases diagnosed, etc.

The third year student is associated with a student of the final year, who is carrying on cases under treatment in the clinic at the Montreal General Hospital. The third year student does not take part in the active treatment, however.

In the fourth or final year a course of advanced lectures is given. These lectures cover Etiology, diagnoses and preventive orthodontia.

Clinical cases are assigned to each student which he treats under strict supervision.

He is called upon to make appliances suitable to the case at hand. Such appliances are designed by the staff and are constructed of precious metals.

Together with the student being responsible for the treatment of the cases assigned him, he must familiarize himself with all other cases under treatment.

Histology is reviewed, paying special attention to the changes that take place in the bone tissue incident to tooth movement.

In the laboratory, slides which are specially selected are microscopically examined.

Text-books recommended are:—McCoy, Dewey, Angle.

PHYSIOLOGY

THE MORLEY DRAKE PROFESSOR OF PHYSIOLOGY:—JOHN TAIT
RESEARCH PROFESSOR OF PHYSIOLOGY:—BORIS P. BABKIN
ASSISTANT PROFESSOR:—N. GIBLIN
LECTURER—S. DWORKIN
DEMONSTRATORS:—G. F. SUTHERLAND, D. A. ROSS

The purpose of this course is to give the student an elementary knowledge of the whole subject of physiology with a more special knowledge of such aspects of the subject as bear more particularly on the practice of dentistry.

Text-books:—Huxley's "Lessons in Elementary Physiology;" Thornton and Smart, "Human Physiology."

PROSTHETIC TREATMENT OF CLEFT PALATE

I. K. LOWRY

Practical clinics are given to Senior students on cases as they come through the Montreal General Hospital. These cases are carried through in the presence of the Dental students.

PROSTHETIC DENTISTRY

PROFESSOR:—J. S. DOHAN

LECTURER:—I. K. LOWRY

DEMONSTRATOR:—R. A. WHEATLEY

The course in prosthetic dentistry embraces lectures illustrated by lantern slides, and practical work in the laboratory, under the supervision of the demonstrator of technics. It includes the preparation of the mouth for dentures, impressions, and the properties of materials used in the construction of artificial dentures. The student is required to construct the different forms commonly used. Attention is directed to the different functions to be performed by the denture in the restoration of the natural conditions as regards mastication, enunciation and the restoring of the features. Students completing the First Year are required to complete ten days' laboratory technique work, which will begin immediately upon the completion of the sessional work.

Text-book:—The American Text-book of Prosthetic Dentistry, by Pierce & Anthony—Lea & Febiger.

SURGERY

ASSISTANT PROFESSOR:—W. L. BARLOW

The course comprises clinical and didactic lectures. All lectures and demonstrations are given in the wards and clinical theatre in the Outdoor Department of the Montreal General Hospital. Cases showing injuries and diseases of the mouth and jaws are demonstrated and the appropriate treatment shown, including operative procedures under local and general anæthesia.

Text-books:—Oral Surgery, Blair and Ivy, 1923; Brophy's Oral Surgery; Dental Infections, Oral and Systematic, Weston Price, 2 Vols.

CLINICAL INSTRUCTION

Clinical instruction is given in the Operating Theatre and Out-Patient Department and in the Dental Clinic of the Montreal General Hospital. Abundant opportunity is afforded in this institution for the study of diseased conditions of the mouth and jaws, and for watching operations in these regions. The Dental Clinic, established twenty-two years ago by the Hospital authorities, proved a success from the outset, and ample material for clinical study is now provided. Twenty thousand patients were treated at this clinic during the past session.

Students are required to attend the clinic every day during the Third and Fourth Years from nine to twelve o'clock and from one-thirty to five o'clock, except during such part of the time as may be taken up with lectures or other work of the University course. The practical dental work is supervised by the Director of the clinic and his associates. Anaesthetics are administered by members of the resident staff of the Hospital, who give practical instruction in this most important branch. A nurse is also in attendance during clinic hours.

LIBRARY

In conjunction with the Medical Library, which contains all the standard text-books in the branches of the first two years in Dentistry, there is a section dealing exclusively with dental subjects. Students may consult any work of reference in the Library between 9 a.m. and 9 p.m. during the session; Saturdays, 9 a.m. to 5 p.m.

MUSEUM

In connection with the Pathological Museum of the Medical Faculty there is a very good collection of plaster casts of deformities of the jaw, etc., and also a very large collection of teeth of all varieties.

FACULTY OF LAW

GENERAL INFORMATION

COURSE OF STUDY

The Faculty offers a three-year course in Law, based mainly on the study of the Roman and Civil systems, the curriculum and time table being arranged on the assumption that a student is devoting his entire time to his university work.

ADMISSION

Students who have successfully completed two years in the Faculty of Arts and Science at McGill University will be admitted to the Faculty of Law without further examination. Other candidates for admission will have to satisfy the Faculty that they have attained an equivalent educational standard, and are intellectually qualified to pursue with advantage the study of law.

Students whose right to enter the Third Year of the Arts and Science Faculty is conditional upon their passing supplemental examinations are not eligible for admission to the Faculty of Law.

Women are admitted to the Faculty on the same terms as men, and are eligible for the degree. As the law stands at present, however, they cannot be admitted to the Bar or to the notarial profession in the Province of Quebec.

The Faculty may admit a limited number of suitable persons to attend selected courses of lectures without matriculation in the University. Such permission will only be granted to applicants of at least twenty-one years of age who satisfy the Faculty of their capacity to undertake with advantage the study of law. They will not be allowed to proceed to a degree, but will be entitled to receive a certificate specifying the course of study which they have successfully pursued and the class which they have obtained in the examination.

Candidates for admission are required to interview the Secretary of the Faculty and to obtain permission to register from him.

FRENCH

The attention of students is directed to the necessity of being able to read French easily, as the greater number of the works to which they will be referred are in that language.

REGISTRATION

All students must register in person at the office of the University Registrar between Monday, September 24th, and Saturday, September 29th. First Year students who wish to consult the Dean personally with regard to their course should register not later than Wednesday, September 26th.

Students registering later than the prescribed dates will be required to pay a late registration fee of $5 during the first week of the session and $10 during the second. This will not be refunded, except by special permission of the Faculty.

Students must bring with them at the time of registration the evidence necessary to show that they are entitled to admission into the Faculty, if this has not already been furnished.

FEES

Tuition Fees

1. *Undergraduates*

Annual fees for British* students	$225.00
By instalments: Each of two instalments	115.00
Annual fee for Non-British* students	275.00
By instalments: Each of two instalments	140.00

2. *Partial Students*

Per hour of instruction per week, for full course	$25.00
For use of Library	4.00

The total partial fee will not exceed the full undergraduate fee.

Other Fees

3.

Registration (British)*	$5.00
Registration (Non-British)*	10.00
Late registration, after September 29th	5.00
Late registration, after October 6th	10.00
Annual Health Fee (see page 100)	5.00
Special Examinations (see page 356) per paper	5.00
Graduation (British)*	10.00
Graduation (Non-British)*	15.00
Conferring the degree "In Absentia"	10.00
Certified copy of student's record	1.00

A fine will be exacted for late Medical Examination (see page 100) ..... $5.00 or $10.00

4. *Students' Activities.* A sessional fee of $17 is payable by all men undergraduates and $12 by all women undergraduates for the support of student organizations, for the rinks and tennis courts, and for admission to all home games under the control of the Athletic Board.

5. Partial students pay $3 for athletics and athletic grounds. If they desire such of the privileges of section 4 as are open to them, an additional $9.50 will be charged for men students and $7.50 for women students.

6. *Caution Money.* Every student is required to make a deposit of $5 as Caution Money to cover damage done to furniture, apparatus, books, etc. This amount, less deductions, is returned at the close of the session.

7. Students registering late must pay their fees when they register, failing which they become subject to the provisions of regulation 9.

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*Domicile will in general determine whether a student pays the British or Non-British fees. A student who is uncertain which rate he will be required to pay should consult the Registrar.

8. Immediately after the prescribed dates for the payment of fees a list of the registered students who have not paid their fees is sent to the Dean of the Faculty, who removes their names from the register of attendance. Such students are not readmitted to any class until instructions have been received from the Bursar that the fees have been paid.

9. *Dates of Payments.* Fees are due and payable at the Bursar's Office on Friday, October 12th, but they may be paid before that date. The second instalment is due and payable on February 1st. An additional $2 is charged for payment after the specified dates.

10. All fees are payable in Canadian currency.

PRIZES, SCHOLARSHIPS, AND MEDALS

The "Elizabeth Torrance Gold Medal," founded in 1864 by Professor John Torrance in memory of his wife, is awarded to the student who obtains the highest marks in the Final Examination.

The Montreal Bar Association offers a prize of $50 to the student who obtains the highest standing in Commercial Law, and the Junior Bar Association a prize of $15 to the student who obtains the best marks in Civil Procedure in the Final Year.

The "Alexander Morris Exhibition," of the value of $50, founded in memory of the late Hon. Alexander Morris, M.A., D.C.L., of Toronto, will be awarded to the student who obtains the highest standing in the Second Year.

Other prizes may be awarded at the discretion of the Governors.

The "Macdonald Travelling Scholarship" was founded by the will of the late Sir William Macdonald "for the purpose of enabling English-speaking Law students to take a course of studies in France," the testator "deeming it of great importance that the English-speaking members of the legal profession should be proficient in the French language." The value of the scholarship is the income from a capital sum of $20,000, and is approximately $950. The scholar elected is required to pursue a year's study in the Law Faculty of a French University approved, in each case, by the McGill Faculty of Law. The award is made at the discretion of the Faculty to a student of the graduating class, not being a notarial student, who has obtained first or second class honours in the Final Examination.

Women students are not eligible for a Macdonald Scholarship so long as the law excludes them from admission to the Bar in the Province of Quebec.

The "Edwin Botsford Busteed Scholarship" was founded by the will of the late Mrs. Edwin Botsford Busteed and will be awarded to a student, chosen by the Faculty, in the graduating year who desires to carry out research after graduation on some subject connected with the law of

Quebec. The value of the scholarship is the income from a capital sum of $6,000. The successful candidate, whether or not he registers for the degree of M.C.L., will be required to report progress at intervals during his tenancy of the scholarship, and to prepare a thesis on a subject approved by the Faculty.

The "Thomas Alexander Rowat Scholarship" was founded by Mr. Donald McKenzie Rowat, N.P., in memory of his brother, Lieutenant Thomas Alexander Rowat, B.C.L., who was killed in action at Lens, France, on the 28th June, 1917. The value of the scholarship is the income from a capital sum of $1,000, and is approximately $80. It is awarded in alternate years for proficiency in the French language and in the old French law. Candidates must be British subjects of Anglo-Saxon or Celtic origin. The next award of this scholarship will be in the session 1935-36.

The "Charles Albert Nutting Prize" was founded in 1930 by Miss Adelaide Nutting, M.A., R.N., in memory of her brother, Charles Albert Nutting, K.C., B.C.L., who graduated from this faculty in 1872. The value of the prize is the income from a capital sum of $1,000, and is approximately $50. It is awarded to the student in the first or second year submitting the best essay on a topic related to legal history, the topic to be fixed in advance by the Faculty.

Students in the Faculty are eligible for Rhodes Scholarships tenable at the University of Oxford for a term of three years.

The Lieutenant-Governor's Silver Medal will be awarded to the student who stands highest in the Final Examination in Roman Law.

The Lieutenant-Governor's Bronze Medal will be awarded to the student who stands highest in the First Year course in Obligations.

No medals, prizes or scholarships will be awarded if, in the opinion of the Faculty, there is no candidate of sufficient merit.

DEGREES

B.C.L.

The degree granted in the Faculty is that of Bachelor of Civil Law. The course covers three years.

No student under the age of 21 years will be eligible for a degree.

M.C.L.

The degree of Master of Civil Law is granted under the authority of the Faculty of Graduate Studies and Research for advanced study in legal subjects. The candidate must have the degree of B.C.L. from McGill or its equivalent, and must have obtained at least second class honours in the subject which he proposes to study and in the course as a whole. He must spend at least one year in resident study and present a thesis on some topic connected with his subject. The complete regulations governing this degree are given on page 390.

D.C.L.

The degree of Doctor of Civil Law is granted under the authority of the Faculty of Graduate Studies and Research. The regulations governing this degree are given on page 394.

LIBRARY

The Law Library of the University at present contains over 12,000 volumes, and immediately adjoins the lecture rooms. The principal reports of Canada, the United Kingdom, and France are taken, as well as a selection of reports from the United States and elsewhere.

There is a small lending library, from which students can obtain text-books for the session on payment of an *ad valorem* fee.

The general Library of the University is also available for the use of Law students.

OFFICE ATTENDANCE

The attention of students is directed to the amendment of the Bar Act passed at the 1925 session of the Quebec Legislature which reduces the period of clerkship to one year for students who have previously obtained a recognized degree in Law. Advantage has been taken of this to reorganize the Faculty on a full-time basis. The final Bar examination may be taken as soon as the student has been admitted to the study of Law and has taken his B.C.L. degree. (For particulars as to Bar requirements, see page 359.)

EXAMINATIONS

Examinations will be held:—

(a) At the end of the first session, covering the year's work.

(b) At the end of the second session, covering the second year's work, the final examination in Roman and Constitutional Law on the work of both years being held at this time.

(c) At the end of the course, on the work of the three years, except Roman Law, Constitutional Law and International Law.

Subject to the approval of the Faculty in each case, a student who has been prevented by illness from taking certain papers in the sessional examination may be permitted to take special papers on the same subjects. A fee of $5 will be payable in respect of each paper. No other special examinations will be granted.

At all examinations in the Faculty students are at liberty to write their answers either in English or in French.

CLASSIFICATION OF MARKS

Class I	80–100%
Class II	70– 79%
Class III	50– 69%

In order to pass a student must have an average of 60%.

CURRICULUM

FIRST YEAR

ROMAN LAW

Three hours throughout the session. Professor Corbett.

CIVIL LAW

(a) Persons and Property.
Two hours throughout the session. Professor LeMesurier.

(b) Obligations.
Two hours throughout the session. Professor Howard.

CRIMINAL LAW

One hour throughout the session. Professor Surveyer.

CRIMINAL PROCEDURE

One hour throughout the session. Professor Surveyer.

CONSTITUTIONAL LAW

One hour, one term. Professor Scott.

INTERNATIONAL LAW

One hour throughout the session. Professor Corbett.

SECOND YEAR

ROMAN LAW

One hour throughout the session. Professor Corbett.

CIVIL LAW

(a) Sale, agency, partnerships, privileges, hypothecs and registration.
Two hours throughout the session. Professor LeMesurier.

(b) Marriage covenants, lease and hire, prescription and minor contracts.
Two hours throughout the session. Professor Chipman.

(c) Gifts, wills, substitution and successions.
One hour throughout the session. Professor Scott.

LEGAL HISTORY

One hour, one term. Professor Scott.

CONFLICT OF LAWS

One hour, one term. — Professor MacDougall

CIVIL PROCEDURE

Not given in 1934–35

Two hours, first term. — Professor Tyndale.
One hour, second term. — Mr. Abbott.

CONSTITUTIONAL LAW

One hour, one term. — Professor Scott.

MUNICIPAL LAW

One hour, one term. — Professor Scott.

THIRD YEAR

COMMERCIAL AND MARITIME LAW

(a) Corporations.
One hour throughout the session. — Mr. Bruneau.

(b) Introduction to the study of Commercial Law and Insurance.
One hour throughout the session. — Mr. Claxton.

(c) Negotiable instruments and banking.
One hour throughout the session. — Professor Scott.

(d) Maritime Law and Carriers.
One hour throughout the session. — Professor Scott.

CIVIL LAW REVIEW

One hour throughout the session. — Professor LeMesurier.

CIVIL PROCEDURE

Two hours, first term. — Mr. Abbott.
Two hours, second term. — Professor Tyndale.

EVIDENCE

One hour, one term. — Professor Tyndale.

CRIMINAL LAW AND PROCEDURE

One hour, one term. — Professor Surveyer.

COMPARATIVE LAW

One hour, one term. — Professor Surveyer.

CONFLICT OF LAWS

Not given in 1934–35

One hour, one term. — Professor MacDougall.

SPECIAL LECTURES

The Hon. Mr. Justice Mignault will deliver two special lectures in the course of each session.

NOTE.—Changes in the by-laws of the Bar of the Province of Quebec governing legal education may necessitate some modifications in the curriculum.

ADMISSION TO THE PRACTICE OF LAW IN QUEBEC

The attention of the students who wish to be admitted to the Bar or to the notarial profession in Quebec is drawn to the following summary of the statutory provisions governing the practice of law in the Province:—

1. REGULATIONS APPLICABLE TO THOSE WHO INTEND TO BECOME MEMBERS OF THE BAR

N.B.—The articles are here abridged.

R.S.Q., 1925, c. 210, Section 48.—Examinations for admission to study and to practise law in the Province of Quebec are held at the time and place determined by the General Council.

The examinations are held alternately in Montreal and Quebec every six months; namely, at Montreal on the second Tuesday of each January, and at Quebec on the first Tuesday of each July.

All information concerning these examinations can be obtained from the Secretary-Treasurer of the General Council.

Section 50—Candidates must give notice, as prescribed by this article, at least one month before the time fixed for the examination to the Secretary of the section in which he has his domicile or in which he has resided for the past six months.

R.S.Q., 1925, c. 209, Section 2—This section provides that candidates holding the degree of Bachelor of Arts, Bachelor of Science, or Bachelor of Letters, from any Canadian or British University are dispensed from the examination for admission to study. Such candidates are required to give the notice mentioned above.

R.S.Q., 1925, c. 210, Section 52 (as altered by by-law of the General Council).—On giving the notice prescribed by Section 50, the candidate pays the Secretary a fee of $2.00, and makes a deposit of $125 for a complete certificate of admission to study; of $70 for a partial certificate of admission to study; and $200 for admission to practice, which deposit, less $30, is returned in case of his not being admitted.

Section 57.—To be admitted to practice, the student must be a British subject and must have studied regularly and without interruption during ordinary office hours, under indentures entered into before a notary, as clerk or student with a practising advocate during four years, *dating from the registration of the certificate of admission to study.* In the case of a student who has followed a regular law course in university or college in this Province and taken a degree in law therein the term is reduced to three years, carried on concurrently with the law course, or to one year after having received the said degree.

The By-laws passed by the General Council of the Bar of the Province of Quebec provide as follows:—

Article 51—A course of lectures on law given and followed at a university or law school of this Province, and the diploma or law degree conferred on students by such university or law school shall count with reference to the Bar Act only if the course of study hereinafter outlined has been effectively followed by the university or law school and by the holder of the diploma.

Article 52—A regular law course in a university or law school of this Province consists of seven hundred and eighty-five lectures of one hour each. These lectures are given on the various subjects in the following proportions:—

ROMAN LAW:—103 lectures:—This course comprises an introduction to the study of law, with explanatory remarks and comments on the Institutes of Justinian and on the principal Roman jurisconsults.

CIVIL, COMMERCIAL AND MARITIME LAWS:—413 lectures:—The course on these subjects must cover a period of at least three years. It comprises the history of French and Canadian law, explanatory remarks and comments on the Civil Code and on the statutes respecting commerce and shipping.

CIVIL PROCEDURE:—103 lectures:—This course must extend over at least two years. It comprises explanatory remarks and comments on the Code of Civil Procedure and of its statutory amendments, a study of the organization of the Civil Court of this Province and the history of the different judicial systems of the country; also the special modes of procedure provided by the statutes and the by-laws in general, as well as the Bar Act and the By-laws regarding the discipline of the Bar.

PUBLIC AND PRIVATE INTERNATIONAL LAW:—21 lectures:—This course comprises an historical outline, the sources of this law and of its subject matter, its objects (primary and secondary rights of sovereign states), rules of war, commercial and extradition treaties, etc., in force in Canada, as well as the rights and obligations of the citizens of the Province of Quebec and of Canada, and of aliens in the event of conflict of laws.

CRIMINAL LAW:—69 lectures:—This course comprises the history of Canadian criminal law, the organization of the criminal courts, criminal procedure, comments on the criminal law of the country, a comparative study of English and Canadian criminal law. The lectures shall extend over two years.

CONSTITUTIONAL AND ADMINISTRATIVE LAW:—41 lectures:—This course comprises an enquiry into the different constitutional enactments and public institutions of the country, the powers, the organization, the procedure of the Federal Parliament and of the Provincial Legislatures, the laws of education, and the Municipal Code.

COMPARATIVE LAW:—30 lectures:—This course comprises a concise enquiry into the English common law, and a general knowledge of the main principles underlying the civil and commercial laws of the other Provinces of Canada.

Article 53—The candidate for admission to practice who has obtained a law degree from a university or law school of this Province, must file, together with this notice, a certificate from the Principal or Head of such university or law school establishing that he has followed a law course in such university or law school during at least three years, in conformity with the Bar Act, and, moreover, specifying the number of lectures he has actually attended in each subject comprised in the foregoing curriculum during each of the three years and during the three years as a whole.

Article 54—The examiners must refuse to accept such degree as valid under the provisions of the Bar Act, if they are of the opinion that the course of study hereinabove outlined has not been effectually followed by the candidate.

II. REGULATIONS APPLICABLE TO THOSE WHO INTEND TO BECOME NOTARIES

For the regulations applicable to candidates for the notarial profession, see Revised Statutes of Quebec, 1925, ch. 211, Secs. 208-241.

FACULTY OF MUSIC

SESSIONAL ANNOUNCEMENT

The work of the Conservatorium of Music for the season 1934-35 will begin on September 17th, 1934, and will end on June 12th, 1935. It consists of three terms of eleven weeks each, **with an additional summer term of three weeks, viz.:—**

(a) September 17th to December 1st.

(b) December 3rd to March 2nd (Christmas vacation, December 22nd to January 7th inclusive).

(c) March 4th to May 22nd.

(d) May 23rd to June 12th (short summer term).

Lectures arranged in progressive courses are offered as forming part of a connected curriculum, leading to certificates and diplomas, as well as to degrees in Music in the University.

The lectures will begin in the first week of October and extend over three terms of ten weeks each, viz.:—

(a) October 8th to December 8th.

(b) December 10th to March 2nd.

(e) February 25th to May 11th.

The examinations in Montreal for certificates and diplomas will be held towards the end of the third term, i.e., from May 6th to May 18th. The Theoretical Examinations which precede the Practical Local Examinations will begin approximately April 26th (see page 369).

ADMISSION

Students of the Conservatorium are admitted either as:—

Regular Students, taking an organized course, which includes individual instruction in a First and Second Subject, together with such classes and lectures as may be thought advisable by the Director, leading to the Diploma of Licentiate in Music or the Degree of Bachelor of Music in the University.

Partial Students, who, besides individual instruction in the one principal subject, have the privilege of attending certain classes. Instrumentalists are, at the discretion of the Director, assigned to certain of the following classes:—Theory, Harmony, History, Form and Analysis; Ensemble Playing. Vocalists are assigned to two of the following classes:—Theory, Sight-Singing, Elocution and Diction, Choral Class.

Class Students. Those wishing to attend lectures or classes only, in either theoretical or practical subjects.

FEES

CONSERVATORIUM OF MUSIC

The fees are as follows:—

Regular Students. $225.00 a year payable at the beginning of the session (not later than October 1st) or in two instalments of $115.00 each, payable before October 1st and February 1st, respectively. This sum also covers the fees for the Diploma or Degree Examination at the end of the year, as well as fees to Students' Societies, and charges for Physical Education—which is compulsory.

At the request of the students themselves and by the authority of Corporation, a fee of $17.00 is collected from all men undergraduates for the support of certain Student Societies, the use of the skating rinks and tennis courts during the session and for admission to the home games under the control of the Athletic Board. Women undergraduates pay a fee of $6.00 for the athletic privileges mentioned above, $1.50 for the McGill Daily and $2.50 for the McGill Women Students' Society, which includes all Royal Victoria College Societies. Membership in this Society is also open to women students taking partial courses on payment of the regular fee. Women students in Arts and Science, and Music are also required to pay $1.00 for the Royal Victoria College Undergraduates' Society. *These items, however, are covered by the regular fees in the case of undergraduates.*

Partial Students. $30.00 to $60.00 (according to instructor selected) per term of eleven weeks. Students paying in full for three terms of eleven weeks each are allowed to take the examination for a Local Centre Examination Certificate at the end of the year without any further fee.

Class Students. Fees vary between $5.00 and $25.00 per term, according to class. Precise information can be obtained on this point from the Secretary.

The fees for examinations for Certificates, when not included in the term fees as above mentioned, are the same as the fees for the Local Examinations. (See Announcement of the Faculty.)

In all cases fees must be paid strictly in advance at the office of the Conservatorium.

No individual or class lessons will be given to any student who is unable to produce a receipt showing that the necessary fees have been paid.

FEES FOR DIPLOMA AND DEGREE EXAMINATIONS

DIPLOMA OF LICENTIATE (L. Mus.)—Fees for examination, $45.00, of which $15.00 is payable at each examination. Diploma fee, $5.00.

DEGREE OF BACHELOR OF MUSIC (Mus. Bac.)—Matriculation fee, $10.00 (see University Calendar). Fees for examinations payable as follows:—First examination in Music, $20.00. Second examination in Music, $20.00. Final examination in Music, $20.00. Graduating fee, $20.00.

Although under special conditions exemptions from certain examinations for the Diploma of Licentiate and Degree of Bachelor of Music may be allowed, there is no exemption from the *fees* given above, except in the case of candidates holding McGill Local Centre Certificates.

DEGREE OF DOCTOR OF MUSIC (Mus. Doc.).—Fee $100.00, one-half of which ($50.00) is paid when submitting exercise and the balance ($50.00) before the final examination.

N.B.—Candidates examined in theoretical subjects connected with the above Degrees and Diplomas at centres other than Montreal will probably have to pay a local supervisor's fee in addition to the fees stated above.

CONSERVATORIUM REGULATIONS

1. Fees are not refunded, nor is the length of the term extended on account of temporary absence. Absence from lessons caused by prolonged illness may be allowed for, provided the Secretary is notified and a Doctor's certificate presented.

2. No business matters can be arranged through the instructors, but must be transacted through the office.

3. Students cannot register for less than a term and must notify the Secretary, at least a week before the end of the term, if they wish to discontinue lessons, otherwise it is understood that lessons will be continued through the following term and fees for the full additional term must be paid.

4. Any lessons missed in consequence of the instructor's absence will be made up at the mutual convenience of instructor and pupil. Lessons missed by students are their loss, unless a Doctor's certificate is produced, when lessons will be made up, but no fees will be refunded or remitted.

5. *All students must sign the attendance register in the office immediately after each lesson.*

6. Every student (except those attending schools) must, at the beginning of each session, *either* produce a medical certificate from his or her medical attendant *or* be examined by the Medical Officer appointed by the University. See page 100.

7. No student suffering from an infectious or contagious disease, or who is, in the opinion of a competent medical attendant, in any way brought into contact with any person infected with such disease, is allowed to attend.

8. Students are required to be punctual at lessons, lectures, concerts and examinations.

9. Notices on the bulletin boards are official, and students are requested to pay due attention to such as may be posted there.

10. No change in course or teacher can be made without first obtaining the consent of the Director.

11. Students are advised to take the sessional examination (the form of such examinations to be decided by the Director) and are prepared for the same by the instructor or instructors to whom they are assigned.

12. *Students wishing either to take part in any public musical performance, publish a composition, or accept a professional engagement, must first obtain the consent of the Director.*

13. The name of each lecture and the hours at which the classes are held will be posted on the notice boards.

14. *Registered students of the Conservatorium must take part in either recitals or concerts, if required to do so by the Director.*

15. Visitors are not allowed to be present during any lesson (class or private) except by permission.

16. The Director has the right to refuse or to cancel at any time the registration of any individual whose presence in the Conservatorium may appear detrimental to its interests.

17. Smoking within the building is absolutely prohibited.

18. Physical education is compulsory for all regular students of the first two years, two periods per week being devoted to it. No student is asked to do work unsuited to his or her physique, and students debarred from exercise of any kind are dealt with separately and carefully advised.

REQUIREMENTS FOR DEGREES AND DIPLOMAS

(For Fees, see page 363.)

For requirements for the degree of Doctor of Music, see page 395.

DEGREE OF BACHELOR OF MUSIC

All candidates for this degree must pass the following examinations:—

1. The Matriculation examination.
2. The First examination in Music (at the end of the first year).
3. The Second examination in Music (at the end of the second year).
4. The Final examination in Music (at the end of the third year).

A specimen set of papers for each of the three examinations in Music can be obtained from the Secretary, price 25c each.

The Matriculation Examination

The Matriculation Examination is held yearly, in June, at McGill University and at various centres throughout the Dominion. There is also an examination held in September, but at McGill University only. Candidates for musical degrees are examined in the following:—

1. English (two papers).
2. History (one paper).
3. Two of the following languages:—French, German, Latin, Italian, Spanish (two papers in each of the two languages chosen by the candidate).
4. Algebra or Geometry (one paper).
5. Music—one paper. The paper set is that of the Highest Grade (Harmony and Counterpoint) of the local theoretical examination in Music and must be taken by the candidate at the regular examinations held by the Conservatorium in May.

Further information with regard to this examination is given on page 75.

The first and second practical studies are no longer required. In their place reading from open score is required in each part of the Mus. Bac. examination.

First Examination in Music

(a) Harmony in three and four parts, including complete harmonic and constructional analysis of a given Fugal exposition.

(b) Strict Counterpoint up to three parts, and answers to Fugue subjects.

(c) Form and analysis. Questions will be given on accent, cadence, metre, rhythm, phrasing, etc., and on form shown in the works of the classic composers.

(d) General outlines of musical history.

(e) Playing on the pianoforte from open vocal score (G & F clefs only).

(f) Viva voce.

Second Examination in Music

(a) Harmony in not more than four parts.

(b) Counterpoint (strict and free) in not more than four parts.

(c) Canon in two parts and fugal exposition up to four parts.

(d) History of music from the 16th century to the present day.

(e) Form and analysis. The candidate must show an intimate knowledge of a few compositions, the names of which will be supplied on application, at least three months before the date of examination.

(f) Elementary knowledge of acoustics *or* physiology of the voice.

(g) Playing on the pianoforte from string quartet score.

(h) Viva voce.

The possession of the Diploma of Licentiate of Music obtained either under Class I or Class III from McGill University exempts candidates from the necessity of taking the First and Second Examinations for Mus. Bac., and, accordingly, candidates can proceed direct to the Final Examination, provided that they have matriculated.

Final Examination in Music

(a) Harmony up to five parts.

(b) Free Counterpoint, up to five parts, in 16th century style.

(c) Double Counterpoint in 8ve, 10th and 12th.

(d) Canon and fugue in three and four parts.

(e) History of music from the earliest time to the present.

(f) Form and analysis. Knowledge will be required of such works as the following:—Bach's 48 Preludes and Fugues; Beethoven's Pianoforte Sonatas; Schubert's, Schumann's and Brahms' Songs; an Opera *or* an Oratorio; Symphonies and Overtures by Mozart, Beethoven, Brahms, Mendelssohn, Wagner. Candidates may at least three months before the examinations, obtain from the Secretary of the Faculty of Music a complete list of the works upon which the examination papers in this subject will be based.

(g) Instrumentation. A knowledge of the compass and capabilities of all instruments in the modern orchestra and the scoring of a given passage in a given time; also the reading at sight from an easy score of a classical composer.

(h) Two compositions to be sent in by a candidate, to be received by the Secretary of the Examining Board not later than the last day of the second week in April. One to be an unaccompanied vocal work (not an anthem) showing considerable vocal resource; the other to be a work for strings, or combination of not less than four instruments or full orchestra. The works may be in any form and the instrumental composition should take not less than seven minutes to perform.

(i) Viva voce.

REGULATIONS FOR THE DIPLOMA OF LICENTIATE OF MUSIC

(For Fees, see page 364)

Candidates may elect to be examined either in:—

Class 1—Theoretical Subjects and Composition, or

Class 2—Practical Subjects as Performers, or as

Class 3—Teachers in both Theory and Practice.

For details see Announcement of the Faculty of Music.

EXAMINATION REQUIREMENTS FOR PIANOFORTE TEACHERS' DIPLOMA

For details see Announcement of the Faculty of Music.

EXAMINATION FOR CERTIFICATE AS ELEMENTARY SCHOOL MUSIC TEACHER

For details see Announcement of the Faculty of Music.

EXAMINATION FOR CERTIFICATE AS HIGH SCHOOL MUSIC INSTRUCTOR

For details see Announcement of the Faculty of Music.

LOCAL CENTRE EXAMINATIONS IN MUSIC

Recognizing the necessity of helping to raise the standard of musical education in Canada, and at the same time to bring the influence of competent examiners to bear upon instruction, McGill University holds local examinations throughout the Dominion. In view of the fact that it grants Degrees in Music and a Diploma of Licentiate, the University extends its field of work by means of these local examinations, which are preparatory to those for Degrees and Diplomas.

The Examiners are appointed by the Board of Governors of the University, the Chairman of the Examining Board being Mr. Douglas Clarke, Dean of the Faculty of Music and Director of the Conservatorium.

For details see Announcement of the Faculty of Music.

LOCAL CENTRES

The following places have been adopted as centres for public examinations in Music; others will be added as necessity requires, but in all cases the establishment of a centre depends upon a sufficient number of candidates applying. All examinations for Certificates in the Local Grades, as well as some of those for Degrees and Diplomas, are held at these centres:

Amherst.....Hon. Representative: Rev. F. L. Orchard, 1 Rupert St.
Hon. Secretary: Mrs. Geo. R. Shiers, 35 Robie St.

Assiniboia.....Hon. Representative: W. E. Hay, Esq., Superintendent of Schools.

Brandon.....Hon. Representative: Principal of Brandon College Institute.

Brockville.....Hon. Representative: Rev. J. G. Sparling.
Hon. Secretary: Mrs. M. MacOdrum, West Pine St.

Calgary.....Hon. Representative: A. Calhoun, Esq., City Librarian, Public Library.
Hon. Secretary: George E. Bower, Esq., L.Mus. (McGill), 1101-13th Ave. W.

Campbellton.....Hon. Representative: Judge F. F. Matheson.

Charlottetown.....Hon. Secretary: W. E. Fletcher, Esq., 63 Upper Prince St.

Cranbrook.....Hon. Representative: Principal of the High School.
Hon. Secretary: Mrs. D. Finlayson.

Edmonton.....Hon. Representative: Hon. A. C. Rutherford, 912-916 McLeod Building.
Hon. Secretary: Mrs. O. J. Walker, 11103 Saskatchewan Drive.

Fernie.....Hon. Representative: Mrs. H. J. Johnson.
Hon. Secretary: Miss S. E. West.

Fort Qu'Appelle.....Hon. Representative: W. H. Thompson, Esq.

Fredericton.....Hon. Representative: The Very Rev. Dean J. H. A. Holmes.
Hon. Secretary: W. J. Smith, Esq., A.R.C.O., 679 Union St.

Glace Bay.....Hon. Representative: Rev. C. R. F. MacLennan, 16 York St.
Hon. Secretary: Miss B. McGregor.

Gladstone.....Hon. Representative: Dr. E. H. Whelpley.
Hon. Secretary: David B. McHardy, Esq., 200 Manderville St., Winnipeg.

Granby.....Hon. Representative: Dr. G. A. Runnells, 35 Dufferin Street.
Hon. Secretary: Miss Gertrude Wallace, L.Mus. (McGill).

Halifax.....Hon. Representative: Rev. S. H. Prince, King's College.
Hon. Secretary: Miss Ada Hoyt, 3 College St.

Indian Head.....Hon. Representative: A. J. Hatfield, Esq.
Hon. Secretary: Cecil C. Halleran, Esq., L.Mus. (McGill).

Kamloops.....Hon. Representative: Mrs. P. H. McCurrach, B.A.
Honorary Secretary: Miss Bertha Dillon, L. Mus. (McGill), Box 716.

Kentville.....Hon. Representative. Rev. A. R. Donahoe.
Hon. Secretary: Mrs. S. L. Cross, Box 768.

Kerrobert.....Hon. Representative: R. L. Hanbidge, Esq., K.C.
Hon. Secretary: Miss L. G. Miller.

Iroquois Falls and Ansonville.....Hon. Representative: Herbert Bourne, Esq., Box 495, Timmins.
Hon. Secretary: H. F. Schroeder, Esq.

Kimberley.....Hon. Secretary: Miss Janet McKay.

Lethbridge and MacLeod.....Hon. Representative: A. J. Watson, Esq., Supt. of Schools, Central School.
Hon. Secretary: Mrs. Donald White, L.Mus. (McGill), Box 507 MacLeod.

Macgregor.....Hon. Representative: Rev. J. R. Johns.

Maxville.....Hon. Secretary: Miss Netta McEwen, Box 294.

Medicine Hat.....Hon. Secretary: Mrs. F. Duckworth, 543 Athabasca St. W., Moose Jaw.

Moncton.....Hon. Representative: Rev. J. A. Ramsay, The Manse, Alma St.
Hon. Secretary, Dr. Geo. Ross, 75 Archibald Street.

Moose Jaw.....Hon. Representative: A. H. Gibbard, Esq., B.A., City Librarian, Public Library.
Hon. Secretary: Chas. F. Nidd, Esq., 1127 Third Ave. N.

Nelson.....Hon. Representative: H. E. Dill, Esq., 418 Mill St.

Newcastle.....Hon. Representative: Rev. L. H. MacLean.
Hon. Secretary: Thos. A. Moir, Esq.

New Glasgow.....Hon. Representative: Mrs. J. T. McLeod, Stellarton.

Hon. Secretary: R. G. Humphreys, Esq., Evening News Bldg.

Ottawa.....Hon. Representative: Dr. Duncan Campbell Scott, Government Offices, Booth Bldg.

Hon. Acting Secretary: Kenneth R. Meek, Esq., L.Mus., 154 Slater St.

Pembroke.....Hon. Secretary: Miss E. Moore, R.R. No. 1, Pembroke, Ont.

Penticton.....Hon. Representative: Rev. Canon G. Thompson.
Hon. Secretary: Miss Monica L. Craig, L.A.B.

Peterboro.....Hon. Representative: Rev. Dr. Blagrave.
Hon. Secretary: F. G. Mann, Esq., 199 London St.

Pictou Academy.....Hon. Representative: C. L. Moore, Esq., M.A.
Hon. Secretary:————————

Plattsburgh.....
Saranac Lake.....
Ogdensburg.....
Chazy.....} Hon. Representative: J. A. McHattie, Esq.
Hon. Secretary:————————

Malone.....Hon. Secretary: Miss Isabelle Douville.

Quebec.....Hon. Representative: Dr. G. W. Parmelee, Parliament Bldgs.

Hon. Secretary: W. Rains, Esq., Holy Trinity Cathedral.

Regina.....Hon. Representative: President of Regina College.

Hon. Secretary: H. J. Record, Esq., 3327 Dewdney Ave.

Rothesay.....Hon. Secretary: Miss A. Davidson, L.Mus. (McGill).

St. John.....Hon. Representative: Rev. C. Gordon Laurence, M.A., 50 Orange St.

Hon. Secretary: Miss Eileen Gillis, L.Mus. (McGill), 4 Wellington Row.

Saskatoon.....Hon. Representative: W. A. Gilchrist, Esq., Canada Bldg.
Hon. Secretary: Geo. C. Palmer, Esq., 652 University Drive.

Sherbrooke.....Hon. Representative: W. O. Rothney, Esq., M.A., Ph.D., Bishop's University, Lennoxville.
Hon. Secretary: Wright W. Gibson, Esq., B.A., High School.

Stellarton.....Hon. Representative: Mrs. J. T. McLeod.
Hon. Secretary: L. N. Miller, Esq., L.Mus. (McGill), Box 44.

Sydney Mines.....Hon. Representative:————————
Hon. Secretary: H. A. Briers, Esq., Box 438.

Timmins.....Hon. Representative: E. J. Dickson, Esq., Magor.
Hon. Secretary: Mrs. J. H. Faithful, Timmins College of Music.

Three Rivers.....Hon. Representative: Rev. J. R. MacLeod, B.A.

Truro.....Hon. Representative: C. G. Mosher, Esq.
Hon. Secretary: Miss M. M. Carter, 135 Dominion Street.

Vancouver.....Hon. Representative: G. E. Robinson, Esq., B.A., British Columbia University.
Hon. Secretary: Mrs. J. A. C. Harkness, B.A., L.Mus. (McGill), 3811—13th Ave. W.

Victoria.....Hon. Representative: Rev. Norman E. Smith, St. Barnabas Rectory.
Hon. Secretary: Dr. J. E. Watson, 617 Fort St.

Winnipeg.....Hon. Representative: John Parton, Esq., 356 Main St.
Hon. Secretary: Miss Kathleen Robson, Mus. Bac. (McGill), 321 Dromore Ave.

Wolseley.....Hon. Representative:————————
Hon. Secretary: Mrs. Anna P. Thomson.

Yarmouth.....Hon. Secretary: Miss B. A. Posamonick, c/o Mrs. J. J. Clarke Robins, Willow St.

FACULTY OF GRADUATE STUDIES AND RESEARCH

GENERAL STATEMENT

The Faculty of Graduate Studies and Research directs and controls all courses leading to the higher degrees and recommends candidates for these degrees.

The members of the Faculty are the Deans of the other University Faculties and all Professors and Associate Professors who conduct advanced courses of study or who superintend advanced research work leading to the degrees awarded by the Faculty. Other members of the University may be elected members of the Faculty in full session upon proper notice of motion.

Appointments to the Faculty are subject to the approval of the Board of Governors on recommendation by the Principal.

There are two divisions of the Faculty, known as "The Arts Division" and "The Science Division." The Arts Division includes the following Departments of study, viz., Classics, Chinese Studies, Economics and Political Science, Education, English, Germanic Languages, History, Law, Music, Oriental Languages, Philosophy, Romance Languages, Sociology, and Theological Studies. The Science Division includes all other Departments of study represented in the Faculty. The Departments of Mathematics and Psychology are, however, members of both divisions.

These divisions have full power to discuss all matters and to make all rules and regulations affecting the admission of students to their Departments and the requirements for all degrees awarded for work in these Departments. Each division meets at least once annually in the month of April for the election of officers and of committees and for general business.

Each division of the Faculty elects annually a Divisional Committee. "The Committee of Graduate Studies in Arts" consists of not less than four, and not more than twelve members, including the Dean and Vice-Chairman. "The Committee of Graduate Studies in Science" consists of not less than four, and not more than ten members, including the Dean and Vice-Chairman. These Committees, subject to the direction and approval of their proper divisions, examine and pass upon the academic records of all students, including lectures, seminars, and all other forms of graduate study. When the Dean of the Faculty has any doubt that a student's qualifications for admission or his subsequent record is entirely satisfactory, he calls these cases specially to the attention of the proper Committee for its decision. These Committees also recommend all candidates for degrees to the Faculty in full session.

The Dean is a member, and Chairman of both divisions, and of all general Committees of the Faculty, and all meetings thereof are called by him or under his direction.

There is an Executive Committee of the Faculty, consisting of the Dean and two members appointed by and from each Divisional Committee; this Committee, subject to the direction and approval of the Faculty, deals with all matters of general policy and all executive matters as, for example, the annual calendar, the preparation of the annual announcement, finances, fees, registration, and all matters of routine.

BOARD AND LODGING

I. For Men

No college residences have as yet been built for men students, but dormitory accommodation for about sixty is provided in Strathcona Hall, the home of the Student Christian Association of McGill University. Full particulars may be obtained from the Secretary of the Association, 772 Sherbrooke Street West, Montreal, who will also make arrangements to have students who are strangers to Montreal met on arrival and helped to secure lodgings, if due notice is sent of the station and time of arrival.

Before the opening of the session each year a list of Approved Lodgings, which have been inspected by a representative of the University, is issued by the Lodgings Committee. This list, which gives details of rooms, meals, prices, etc., may be consulted in the Registrar's Office, the Students' Union, Strathcona Hall, and other University Buildings. The list is not sent by mail.

Board and lodging for men may also be obtained in the Diocesan College, the United Theological College, and the Presbyterian College, which are theological colleges affiliated with the University.

Board is furnished in the McGill Union at low rates. The dining room accommodates over 120 students. There is also a lunch counter.

The cost of board and lodging in approved rooms varies from $35 to $60 per month. Separately, good board costs from $25, and a room from $12 upwards per month.

II. For Women

Hostel. There is a hostel at 3466 University Street for graduate students. See page 471.

Women students may make arrangements to lunch at the Royal Victoria College and are invited to consult the Secretary concerning boarding houses and the following, which they are eligible to join:

1. The Alumnae Society of McGill University.
2. The University Women's Club, 3492 Peel St.
3. The Monteregian Club, 3426 McTavish St.

The last two of these clubs have a number of bedrooms for members.

ADMISSION

Advanced courses of instruction are offered to students who are graduates of any University of recognized standing. These students are those who have at least second class honour standing, or the equivalent of at least second class honours from McGill University, in the subject in which they desire to take their major work. In the particular case of students proceeding to an M.A. degree in Education, distinction in the general course will be accepted as a qualification for admission. Admission to these advanced courses does not in itself imply candidacy for a higher degree.

CLASSES OF STUDENTS

1. Those who are fully approved by the Divisional Committees are termed "graduate students."

2. Those qualified students who are permitted to take one or more courses in the Graduate Faculty, without intention of proceeding to a degree, are termed "partial students of the Graduate Faculty."

3. Those students who are not sufficiently prepared to rank as "graduate students" can apply to the respective Faculties for admission to undergraduate studies. These students are not registered in the Graduate Faculty, but must register as partial students in the undergraduate Faculty in which they take courses.

REGISTRATION

Applications for registration as a graduate student should be made in triplicate on special printed forms which may be obtained at the Dean's Office. These applications, duly signed, must reach the Dean's Office not later than October 8, 1934, otherwise a late fee of $5.00 will be charged. Application forms must be submitted each year, until the degree is awarded.

Candidates must consult the Department or Departments in which they intend to study, regarding the course they desire to pursue, in time to attend the regular courses of instruction which begin on October 1st, 1934. Formal application for permission to attend courses must be filled up by the student and signed by the Chairman or Chairmen of these Departments, by the Professors under whom the applicant intends to study, and filed with the Dean of the Faculty of Graduate Studies and Research as early as possible, and at the latest by October 8th.

The applicant will give the necessary information, with reference to the courses of undergraduate study which he has followed, his standing in the major subject or subjects, his degrees, and in cases of other than McGill graduates, a registrar's certificate of his academic standing from his College or University. As soon as the candidate's course has been approved by the Division of the Faculty concerned, he must register without delay at the Registrar's Office. He will not be given credit for attendance until he does so. Candidates must register and pay their fees not later than October 15th, 1934, otherwise the prescribed penalty for late registration will be enforced.

Candidates whose courses extend for more than one year must fill application forms and register at the commencement of each year of their course. If not registered at the beginning of the academic year, as provided above, the candidate will not be eligible for the degree at the following Spring Convocation.

Candidates who have completed their courses, who have not yet presented their thesis, and who are no longer in residence at McGill University, must, each session, fill three application forms, and send them to the Dean for approval, and pay the enrolment fee of $10.00. It is also necessary for them to register at the Registrar's Office, by correspondence, in order to keep their name on the books of the University.

SUPPLEMENTAL EXAMINATIONS

All students taking special supplemental examinations should report to the Dean's Office before arranging the examination, and should bring with them the Bursar's receipt for the examination fee. The usual fee for a special supplemental examination is $10, half of which is paid to the examiner, and the other half is paid to the Faculty of Graduate Studies and Research. The $5 fee for a special Ph.D. language examination is disposed of in the same way.

DEGREES

Graduate students may proceed to one or other of the following degrees:—Master of Arts, Master of Science, Master of Engineering, Master of Commerce, Master of Civil Law, Doctor of Philosophy, Doctor of Civil Law, Doctor of Literature, Doctor of Science, Doctor of Music.

COURSES AT MACDONALD COLLEGE

Graduate students who are taking the major part of their work at Macdonald College may go into residence there and can take, when required, other graduate courses given at the University.

Students wishing to reside in Macdonald College should send in their application for accommodation to the Registrar, Macdonald College, Que., as soon as possible.

Any fees in connection with courses taken at Macdonald College are payable to the Bursar of Macdonald College.

FELLOWSHIPS, SCHOLARSHIPS AND MEDALS

In several Departments graduate students are eligible for demonstratorships and instructorships. Information concerning these may be obtained from the Chairman of the Department concerned.

THE GOVERNOR-GENERAL'S SILVER MEDAL is awarded for graduate research work in Science.

THE MCGILL DELTA UPSILON MEMORIAL SCHOLARSHIP.—Founded by the McGill Chapter of the Delta Upsilon Fraternity in memory of the members of that Chapter who gave their lives in the Great War. This scholarship is open to graduates of the University. The Selection Committee will consider:— (*a*) The general scholarship of the candidate; (*b*) His need of financial assistance for further study; (*c*) The general usefulness to the community of the special branch of study he proposes to follow; (*d*) The likelihood that the candidate will reflect credit on the University. The present value of the scholarship is about $750.

Application should be made to the Registrar before April 1st.

THE LEROY MEMORIAL FELLOWSHIP IN GEOLOGY.—This fellowship of $600.00, established by some friends of Captain O. E. LeRoy, (Arts, 1895), who was killed in the Battle of Passchendaele, in October, 1917, is awarded annually to a student who desires to proceed to post-graduate studied in Geology at McGill University. The recipient may be called upon to assist in the teaching work of the Department. The award is made by the Chairman of the Department of Geology and Mineralogy in consultation with the Principal.

THE DR. T. STERRY HUNT RESEARCH SCHOLARSHIP IN CHEMISTRY.—This Scholarship of the value of $600 is open to graduates in Chemistry and Chemical Engineering who have completed the course for the degree of M.Sc., M. Eng. or Ph.D. and have shown high capacity for research.

RESEARCH FELLOWSHIPS.—Three research and teaching fellowships, of $650 each, have been established in the Mining Department—one endowed in memory of the late Sir William Dawson, one endowed by the late Dr. James Douglas, and a third, of a slightly less value, supported by graduates in Mining in memory of the late Dr. B. J. Harrington. All three fellowships are awarded annually if suitable candidates offer.

THE JOHN BONSALL PORTER SCHOLARSHIP.—This scholarship, founded by Dr. W. W. Colpitts, is open to graduate students proceeding to the degree of M.Eng. in Civil Engineering. It is expected that the income of the scholarship for 1934-35 will be $250. Applications, which in the case of graduates of other universities, must be accompanied by certified

statements of academic standing and letters of recommendation, should be in the hands of the Dean of the Faculty of Engineering not later than July 31st.

THE ALLEN OLIVER FELLOWSHIP.—This fellowship has been established by Mrs. Frank Oliver, of Edmonton, Alta., in "proud and loving memory of her son, the late Allen Oliver, M.C., B.A.,* Lieutenant 26th Battery, C.F.A., who was killed in action at the Somme on November 18th, 1916." The fellowship is awarded annually to the student who stands highest in first class honours in the Department of Economics and Political Science at the final B.A. examination, and the holder is required to pursue his studies in Economics and Political Science in McGill University or elsewhere. The present value of the scholarship is about $450.

MACDONALD COLLEGE AGRICULTURAL ALUMNI ASSOCIATION GRADUATE SCHOLARSHIP.—In memory of graduates and undergraduates of the Faculty of Agriculture who died in service during the Great War, 1914–1918; created, in connection with the Centennial Campaign, 1920, through subscriptions of graduates, undergraduates, members of the staff and other friends, of a present value of $200 and available to any graduate in Agriculture of Macdonald College (McGill University) for graduate work in Agriculture at any college or university of recognized standing. The holder is chosen by a committee appointed by the executive of the Macdonald College Agricultural Alumni Association, and application should be addressed to:—Mr. Emile A. Lods, General Secretary, Macdonald College, P.Q.

SCIENCE SCHOLARSHIPS GRANTED BY HER MAJESTY'S COMMISSIONERS FOR THE EXHIBITION OF 1851.—These scholarships, of at least £250 sterling a year, are tenable for two, or, in rare instances three years. They are limited, "to those branches of science, the extension of which is especially important to our national industries." The holder is required to devote himself to research, the particular nature of which must be approved by the Commissioners.

Three of these Scholarships which are tenable at any institution approved by the Commission are allotted to Canada each year, the scholars being chosen by the Commission from the nominees of certain Universities, among which McGill is included.

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*Lieut. Oliver was an honour graduate in 1915 in the Department of Economics and Political Science.

Candidates should apply, not later than April 1st, through the Chairman of their Department. Details concerning the regulations may be obtained from the Registrar's Office.

NATIONAL RESEARCH COUNCIL SCHOLARSHIPS.—Bursaries, Studentships, and Fellowships, which in 1934 had the values of $450, $500, and $550 respectively, will probably be awarded in 1935 by the National Research Council to highly qualified graduates in Science. They are open on equal terms to men and women, whose age should not exceed 32. In 1934 the last day for receiving applications was March 1st. Further particulars may be obtained from the Registrar's Office.

THE MOYSE TRAVELLING SCHOLARSHIPS.—Two scholarships of the value of $1,250 each, known as The Moyse Travelling Scholarships, tenable for one year, have been founded by Right Honourable Lord Atholstan, to commemorate the "splendid services of Dr. Charles E. Moyse, for forty-two years Professor of English, during sixteen of which he was Dean of the Faculty of Arts and Vice-Principal of the University."

These scholarships are awarded by the Faculty of Arts and Science, one for distinction in literary subjects, and the other for distinction in scientific subjects. If a deserving applicant in one of these divisions is not forthcoming, both scholarships may be awarded to applicants who belong to the other. The holder must devote the period of the tenure of the scholarship to advanced study, preferably in a British or European university, but not to the exclusion of other universities.

Applications are to be made to the Dean of the Faculty of Arts and Science, before the first of April each year.

THE GUY DRUMMOND MEMORIAL SCHOLARSHIP.—This scholarship, endowed by the late Guy M. Drummond, and tenable for one year, is awarded annually to a graduating student in the Department of Economics and Political Science. The value of the scholarship is the income derived from a capital sum of $45,190 to cover a year of study divided between Paris and McGill and leading to the M.A., or, in special circumstances, a larger amount for a student who spends a whole academic year in Paris and then a year studying for the M.A. at McGill. The holder may attend the Graduate Faculty of McGill University for one year before or after his study in Paris, or may go to France in the summer following his appointment, attend the Ecole Libre from its autumn opening until the New Year, and then return to resident work at McGill, being eligible for the M.A. degree in May of that year.

ADAMS SCHOLARSHIP.—A scholarship of $300, presented by Professor and Mrs. F. D. Adams, will again be available in 1934-35 for a graduate student in the Department of Geological Sciences.

POST-GRADUATE SCHOLARSHIPS GRANTED BY THE IMPERIAL ORDER OF THE DAUGHTERS OF THE EMPIRE.—Nine are offered annually—one for each province. They are of the value of $1,600 and have been founded "to enable students to carry on studies at any university in the United Kingdom, in British and Imperial History, the Economics and Government of the Empire and Dominion, or any subject vital to the interests of the Empire." Applications for the Scholarships to be held in 1935-36 should be made before October 1934.

Full details may be obtained from the Educational Secretary of the National Chapter of Canada, 416 Bloor Street East, Toronto, 5, Ont.

THE RHODES SCHOLARSHIPS.—These scholarships of £400 a year are tenable for two years at the University of Oxford. A third year may be granted under certain conditions.

Candidates must be British subjects with at least five years domicile in Canada and be between the ages of nineteen and twenty-five.

Two scholars are chosen annually from the Province of Quebec, and men students in any Faculty may apply.

Applications must be in the hands of the Secretary of the Provincial Selection Committee not later than November 10th.

Further details of tenure, eligibility and qualifications, and application forms may be obtained from the Registrar's Office, or the Provincial Secretary, Mr. A. D. P. Heeney, 215 St. James St. West.

ROYAL SOCIETY OF CANADA FELLOWSHIPS.—Ten annual research fellowships, endowed by the Carnegie Corporation, will be awarded in 1935. They are of the value of $1,500, are open to men and women on equal terms, and are tenable normally outside Canada only. Candidates should have at least a Master's degree and their age should not exceed 32. In 1934 the last day for receiving applications was February 1st. Further particulars may be obtained from the Registrar's Office.

UNIVERSITY WOMEN'S FEDERATION SCHOLARSHIP.—The Scholarship of the Canadian Federation of University Women, of the value of $1,250, available for study and research work, is open to any woman holding a degree from a Canadian University. In general, preference is given to those candidates who have completed at least one or two years of graduate study and have a definite research in preparation. The award is based on evidence of character and ability of the candidate and promise of success in the subject to which she is devoting herself.

The choice of the University at which the successful candidate is to pursue her study or research work is left to the Committee of Selection in consultation with the candidate.

Full information can be obtained from the Convenor of the Scholarship Committee, Dr. A. V. Douglas, Physics Building, McGill University.

Applications and testimonials must be received not later than February 1st.

SOCIAL RESEARCH FELLOWSHIPS.—There are a number of fellowships in the Department of Social Research for graduate work in Economics, Sociology, Education, Psychology, etc. For details apply to the Director, Mr. L. C. Marsh. (See also page 445.)

WADDELL LOAN FUND IN ENGINEERING

Loans from this Fund, which was founded by J. B. Waddell, Esq., may be made to graduate as well as undergraduate students in any Department of Engineering. Application should be made to the Dean of the Faculty of Engineering.

FELLOWSHIPS AND SCHOLARSHIPS OPEN TO GRADUATES IN MEDICINE

See page 290.

GRADUATE SCHOLARSHIPS IN THE FACULTY OF LAW

See page 354.

FEES

TUITION FEES

	British	Non-British
1. For degree of M.A. (non-science subjects), M. Com. and M.C.L.		
First year students will pay.....	$100	$150
Every subsequent year, if all courses are completed.....	50	75
2. For degree of M.Sc., M.Eng. and M.A. (science subjects involving laboratory work).		
Each year.....	125	175
3 For the degree of Ph.D.		
Each year: (Non-science subjects).....	100	150
(Science subjects).....	125	175
4. A student working entirely apart from the University pays an enrolment fee only, for every year until the thesis is completed.....	10	10

5. A registration fee of $5.00 for British students and $10.00 for non-British students is payable in the First Year of any course, if the student is not a graduate of this University.

6. A student permitted to take a half-sessional course will pay, for each half-session, half the regular fees for tuition and laboratory.

7. Partial students, or students taking qualifying courses will register in the Faculties in which they are taking the courses and pay the partial student fee of that Faculty. But the fees will not be more than the full fee payable in the Faculty of Graduate Studies and Research.

8. French Summer School students taking the Advanced Summer Course in French are remitted $25.00 from the M.A. fee for each Summer Session but will be required to pay the Enrolment Fee when submitting their application to the Graduate Faculty. Students who have completed four Summer Sessions in French (or the equivalent) are excused the *in absentia* fee when they obtain an M.A. degree.

9. Fees are due and payable at the Bursar's Office on or before October 15th. If paid by instalments, the second instalment is due on February 1st. An additional $2 is charged for payment by instalments. An additional $2 will be charged for payment after the specified dates.

OTHER FEES

10. A health and athletic fee of $5 is payable by all resident students, for the following privileges:

    (a) Medical examination; daily consultation service and hospital treatment, as furnished to undergraduates.
    (b) Tennis privileges during the session and summer privileges on the same basis as undergraduates. (Present summer fee $5.00.)
    (c) Social skating privileges on the campus rink.
    (d) Opportunities for exercise with various athletic clubs and eligibility for intercollegiate and other teams.

    These regulations do not apply to students at Macdonald College, who have their own organizations.

    All graduate students are members of the Graduate Students' Association and the subscription of $1.00 will be collected each year at the Bursar's Office when the tuition fees are paid.

11. Each student in Chemistry is required to deposit the sum of $20 as Caution Money, to cover 10% of the cost of all chemicals and other supplies used by the student, and damage done to furniture, apparatus, books, etc. This amount, less deductions, is returned at the close of the session.

12. Late fees are charged as follows:—

Application forms, after October 8th	$5.00
Registration at Registrar's Office, after October 15th	5.00
Payment of fees, after October 15th	2.00

13. Graduation fee:

Master's degree	$20.00
Ph.D. degree	35.00
D. Litt. degree	80.00
D.C.L. degree	80.00
D.Sc. degree	80.00
Mus. Doc. degree	100.00
For a degree conferred *in absentia*	10.00

The graduation fee is payable when the candidate presents himself for examination, and is not returnable if he is unsuccessful. No thesis can be accepted unless it is accompanied by a receipt from the Bursar for this fee. A candidate for any of the above degrees who fails, may present himself once again, in a subsequent year, upon payment of an additional sum amounting to one-half of the usual fee for the degree sought.

There is no fee for the degree of LL.D. or M.A., when granted *honoris causa*.

All fees are payable in Canadian currency.

Immediately after November 15th a list of students who have not paid their fees is sent to the Dean of the Faculty, who removes their names from the register of attendance. Such students cannot be readmitted to any class until instructions have been received from the Bursar that the fees have been paid.

Domicile will, in general, determine whether a student pays the British or non-British fees. A student who is uncertain which rate he will be required to pay should consult the Registrar.

MAJOR AND MINOR SUBJECTS

A higher degree is granted in the Faculty of Graduate Studies essentially for work in one subject, known as the student's *major subject*. In certain cases, a *minor subject* may also be taken if this subsidiary subject is approved by the Chairman of the Department which has charge of the major subject and by the Chairman of the Department of the minor subject. A student should determine whether he is to take a minor subject or not by consulting the Chairman of the Department of his major subject.

COGNATE SUBJECTS

Certain allied or "cognate" courses may also be taken in conjunction with the major subject. These must be entered on the application form and signed by the Chairman of the Department concerned.

RESIDENT GRADUATE STUDY

1. *Normal Procedure for the Master's Degree.*

When a student enters the Faculty he interviews the Chairman of the Department of his major subject and is assisted in the selection of his courses. He is then directed to consult the professor under whose general direction his research work and his thesis will be completed. The courses and the subject of the thesis have then to be submitted to the Dean for approval by the Faculty. Three application forms must be obtained from the Dean's secretary, filled, signed, and returned before October 8th. Fees must be paid before October 15th, as soon as the application form has been marked approved and returned.

At the end of the first session the student must pass the examinations of the courses he has taken and the marks or classes he obtains are part of his qualifications for the degree. If the thesis is now accepted the student is eligible for the Master's Degree. At least one full session or two half-sessions of resident study at McGill University is required for a Master's degree.

During his work for the Master's Degree and for the Ph.D., if he continues, the student is usually given opportunities of presenting short papers and conducting occasional classes.

2. *Continuation for the Ph.D.*

A student who has obtained his Master's Degree at McGill University or elsewhere and is proceeding to a Ph.D. counts the work done for the former as the first year of his resident study for the Doctor's degree. With the assistance of his professors, the student selects courses, which must be approved, and continues his researches. Application forms must be filled and fees paid, as stated above.

At the end of his second year he must write a searching examination upon the whole major subject. In his third year the number of lecture courses is diminished and the student concentrates upon his research work and his thesis. If his thesis is accepted there is a final oral examination on his research work and thesis.

The above gives the normal procedure of a continuously successful student, but students may take longer to obtain the degree, which is awarded only for excellence of standard and by no means for time of residence. In some cases students proceed to a Ph.D. without a Master's degree, but this is not generally recommended.

3. Special Concessions for Civil Servants

With regard to the M.Sc. and M.Eng. (which may be the first year of the Ph.D.course), the following concessions are approved:

(1) Candidates for the degrees of M.Sc. or M.Eng. who are graduates of McGill University and have had two or more years' experience in a Government Department, performing as their main duty, work of the same type as that proposed for research, may, on recommendation of a Department and with the approval of the Faculty in full session, have their residence requirements reduced to one-half session only. It is understood that these candidates must take the usual final examination in all subjects required.

No special concessions can be made to Civil Servants who are graduates of universities other than McGill.

(2) A Government laboratory may be accepted as one of the approved outside institutions (see page 392).

GENERAL RULES

1. Members of the teaching staff of the University who are also students in the Graduate Faculty and who give more than three hours of lectures or six hours of conference work or twelve hours of supervisory work in laboratories per week; or any student doing an equivalent amount of work inside or outside the University, may not obtain the Master's degree in one year, and will require at least four years for the

degree of Ph.D. Members of the teaching staff only may apply in writing to the Dean, on the written recommendation of the Chairman of the Department, to pay half fees for each of two years that shall count as one year of residence.

2. No full-time student registered in any professional Faculty of the University may register for a graduate degree without the special permission of both Faculties in full session.

3. Candidates for the Master's degree will be admitted to the Faculty only if they have obtained at least second class honours at McGill University, or the equivalent of second class honours, in the subject or subjects they propose to study. In any case, the approval of the Department concerned and of the Arts or Science Division Committee is required for admission to the Graduate Faculty.

Candidates who cannot comply with this requirement must make good their deficiencies by at least one preparatory year at the University devoted mainly or wholly to advanced undergraduate study in these subjects.

4. Each Department has full liberty to recommend or require a student to take a course or courses in another Department.

5. A candidate with a given higher degree may be permitted to proceed to a second degree of the same kind, but in another subject, provided that the usual requirements for the degree are entirely fulfilled and approved as usual by the Department concerned.

RESEARCH ASSOCIATES

Chairmen of Departments may recommend annually to the appropriate Divisional Committee, the names of research workers not proceeding to a degree, and not on the staff, for the title of "Research Associate." After their names have been approved by the Divisional Committee, they will be reported to the Faculty of Graduate Studies and Research for endorsement. Lists of such Research Associates will be filed in the Offices of the Dean, Registrar, and Bursar, and names of Research Associates may appear in the Announcement. Recommendations should be made at the beginning of each session.

CLASSIFICATION OF MARKS

100–75%	First Class
74–60%	Second Class
Below 60%	Failure

GENERAL REGULATIONS FOR THE DEGREE OF MASTER OF ARTS (M.A.)

Instruction in the Faculty of Graduate Studies and Research leading to the degree of Master of Arts is provided in the following Departments of study, which rank as "subjects":—

Botany	Germanic Language and Literature
Chemistry	History
Chemistry (Agricultural)	Mathematics
Chinese Studies	Oriental Languages
Classics	Physics
Economics and Political Science	Philosophy
Education	Psychology
English Language and Literature	Romance Languages and Literature
Genetics	Sociology
Geological Sciences	Zoology

Certain Theological studies may be taken as a minor subject only. See page 442.

The requirements for the degree are as follows:—

1. Candidates must hold the degree of B.A. They must have obtained at least a second class in an Honours course at McGill University, or its equivalent.

2. One or two subjects may be taken.

3. Candidates must select one major subject. Minor or cognate subjects may be selected with the consent of the Chairman of the Department in which the major subject is taken, subject to the approval of the Chairmen of the other Departments concerned. The candidate must pass the requisite examinations in the selected courses of his subject or subjects.

4. The candidate must also present a thesis on some topic connected with his major subject. The title of his thesis must have been previously submitted to the Chairman of the Department concerned and to the Divisional Committee concerned for their approval in writing. The thesis must be in some measure a contribution to knowledge and must also be written in good literary style.

For further information regarding theses, see page 395.

REGULATIONS FOR THE DEGREE OF MASTER OF SCIENCE (M.Sc.)

Instruction in the Faculty of Graduate Studies and Research leading to the degree of Master of Science is provided in the following Departments of study:

Agronomy	Geological Sciences
Anatomy	Horticulture
Animal Nutrition and Breeding	Mathematics
Bacteriology (Agricultural)	Mechanical Engineering
Biochemistry	Metallurgical Engineering
Botany	Mining Engineering
Chemistry	Parasitology
Chemistry (Agricultural)	Pathology
Civil Engineering and Applied Mechanics	Pharmacology
	Physics
Electrical Engineering	Physiology
Entomology	Plant Pathology
Experimental Medicine and Surgery	Psychology
Genetics	Zoology

The requirements for the degree are as follows:

1. Candidates must hold a Bachelor's degree with at least second class in an Honours course at McGill University, or its equivalent. Candidates with an M.D. degree must have attained high standing.

2. A candidate must select one major subject. Minor or cognate subjects may be selected with the consent of the Chairman of the Department in which the major subject is taken, and with the consent of the Chairmen of the other Departments concerned. The candidate must pass the requisite examinations in the selected courses of his subject or subjects.

3. The candidate must also present a thesis on some topic connected with his major subject. The title of the thesis must have been previously submitted to the Chairman of the Department and to the Divisional Committee concerned, and have received their approval in writing. The thesis must be in some measure a contribution to knowledge and must also be written in good literary style.

For further information regarding theses, see page 395.

REGULATIONS FOR THE DEGREE OF MASTER OF ENGINEERING (M.Eng.)

To be eligible for the Degree of Master of Engineering, the candidate must hold the Degree of Bachelor of Engineering, or an equivalent degree, and his undergraduate academic rank must, in general, be equivalent to high second-class standing.

The establishment of the Degree of Master of Engineering does not prevent a properly qualified holder of the Degree of Bachelor of Engineering, or the equivalent, from proceeding to the Degree of Master of Science in pure science.

Instruction for the degree of Master of Engineering is given in the following Departments of study, which rank as subjects, in which definite courses may be selected:

Civil Engineering
Electrical Engineering
Mechanical Engineering
Metallurgical Engineering
Mining Engineering

A candidate must select one major subject. Minor or cognate subjects may be selected with the consent of the Chairman of the Department in which the major subject is taken, subject to the advice and consent of the Chairmen of the other Departments concerned. The candidate must pass the requisite examinations in the selected courses of his subject, or subjects.

The candidate must also present a thesis on some topic connected with his major subject. The title of the thesis must have been previously submitted to the Chairman of the Department and to the Divisional Committee concerned, and have received their approval in writing. The thesis must be in some measure a contribution to knowledge and must also be written in good literary style.

For further information regarding theses, see page 395.

REGULATIONS FOR THE DEGREE OF MASTER OF CIVIL LAW (M.C.L.)

Instruction in the Faculty of Graduate Studies and Research leading to the degree of Master of Civil Law is provided in the following Departments of study which rank as "subjects."

Roman Law
Civil Law
Commercial and Maritime Law
Public Law

(Courses in all subjects will not necessarily be offered each year.)

The requirements for the degree are as follows:

1. Candidates must hold the degree of B.C.L. from McGill University, or its equivalent. They must be well qualified students who have obtained at least second class honours in the subject which they propose to take and in the course as a whole.

2. One only of the above subjects may be taken.

3. The candidate must also present a thesis on some topic connected with his subject, see page 395.

4. (a) Each candidate is required to take at least one course in his subject involving at least one year of resident study.

(b) In addition he is required to meet in personal conference, at least once a week, the professor under whose supervision he is preparing his thesis.

For further details consult the Secretary of the Faculty of Law.

REGULATIONS FOR THE DEGREE OF MASTER OF COMMERCE (M.Com.)

1. The candidate must hold the degree of B.Com.

2. Graduates of the School of Commerce at McGill must have passed the full course in Economics laid down in the undergraduate curriculum with at least a creditable average second class standing.

3. Graduates of other Universities must offer the equivalent of the McGill requirements in Economics and Political Science.

4. Application for admission must be approved by the Director of the School of Commerce and the Chairman of the Department of Economics.

5. The candidate must pass the requisite examinations in the selected courses of his subjects for the Master's degree.

6. The candidate must also present a thesis on some topic connected with his major subject. The title of his thesis must have been previously submitted to the Chairman of the Department, and to the Divisional Committee concerned, for their approval in writing. The thesis must be in some measure a contribution to knowledge and must also be written in good literary style.

REGULATIONS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY (Ph.D.)

1. Candidates for the degree of Doctor of Philosophy must hold the degree of B.A. with Honours, or B.Sc. with Honours, or B. Eng. with Honours, or B.S.A. with Honours, or M.D. with Honours from McGill University or its equivalent.

2. They must follow a course of at least three years' resident study at a University or other institution of higher learning or research. Of these three years, at least one year for graduates of McGill and two years for candidates who are not graduates of McGill, must be spent at this University, including preferably the final year. The other years may be spent at institutions approved by the Faculty. Special exceptions regarding resident study may be made with the consent of the proper Divisional Committee and the Faculty. The evaluation of work done in other institutions for the degree is decided by the proper Committee of the Division of the Faculty, and this Committee may require the student to attend before them to report on his work, and may require him to pass a special examination on his work.

3. They must select one major subject. Minor or cognate subjects may be selected, with the consent and approval of the Chairman of the Department in which the major subject is taken, subject to the advice and agreement of the Chairmen of the other Departments concerned.

Courses leading to the degree of Doctor of Philosophy are offered in the following as major subjects:—

Biochemistry
Botany
Chemistry
Economics and Political Science
Entomology
Experimental Medicine and Surgery
Genetics
Geology
History
Oriental Languages
Parasitology
Pathology
Pharmacology
Physics
Physiology
Plant Pathology
Psychology
Zoology

In special cases, Departments may be able to provide courses in other subjects which will lead to this degree. Candidates, therefore, desiring to proceed to the degree of Doctor of Philosophy in other Departments than those mentioned above should make direct application to the Dean of Graduate Studies and Research, asking whether courses in such subjects can be provided.

4. The course of study which the candidate desires to follow must, before he enters upon it, have been submitted to the Chairmen of the several Departments concerned and to the Divisional Committee concerned, and have received their written approval.

Preliminary Examination

5. The first two years include instruction, training and direction in the candidate's field of study, with the object of giving him a knowledge of his particular subject and its relation to cognate branches of learning and of preparing him for independent investigation.

The candidate's preliminary examination is held at the end of the second year, or at a time selected by the Chairman of the major Department, unless otherwise specified by Departmental regulations approved by the Faculty. This examination covers all graduate work previously taken by the candidate, including his prescribed reading and may also include any work fundamental thereto. The candidate must show that he possesses a good general knowledge of the whole science or branch of learning which he has selected as his major subject. The examination is both written and oral.

The result of this examination determines whether the candidate is allowed to proceed to his degree. The final year is devoted chiefly to the preparation of his thesis.

After his thesis has been received and approved, a special and more searching final oral examination on the subject of his thesis and subjects more intimately related to it will be held. This will be conducted in the presence of a Committee of at least four of the Faculty of Graduate Studies.

6. Every candidate must satisfy the Faculty of Graduate Studies and Research that he has a reading knowledge of French and German.

The examination is set by the Department in which the candidate is taking his major; the passages chosen will be typical of the literature of his major subject. The Department concerned may conduct and correct the examination, if desired; otherwise the Departments of Romance and Germanic Languages will act as examiners, but the examination must be set by the Department in which the candidate is taking his major; in this case the passages selected in German will be sent to the Chairman of the Department of Germanic Languages for approval, and the examination papers will be forwarded to him for correction. He will report the result to the Dean of the Faculty of Graduate Studies and Research. In the case of French, it is not necessary to send the passages to the Chairman of the Department of Romance Languages for approval. Otherwise the same procedure will be followed.

Candidates are advised to take one language at the commencement of their first year and the other at the commencement of the second year, but both language tests should be passed not later than one month before the preliminary Ph.D. examinations. These examinations will be held during the first ten days of December without fee. Examinations may be held at other dates only under exceptional circumstances, and with the approval of the Dean, in which case a fee of $5.00 per candidate must be paid in advance, for each examination.

Thesis

7. The thesis for the Doctor's degree must display original scholarship expressed in satisfactory literary form and be a distinct contribution to knowledge. The subject of this thesis must have been approved, in writing, by the Chairman of the Department in which the major subject

is taken, and also by the Faculty of Graduate Studies and Research, at least twelve months before the date of the final examination.

Theses for the Fall Convocation must be in the hands of the Dean of the Faculty on or before September 5th.

8. Three copies of the thesis must be provided by the candidate.

9. For the special regulation regarding the Ph.D. thesis in Economics, see page 411, and for further information regarding theses generally, see page 395.

REGULATIONS FOR THE DEGREE OF DOCTOR OF CIVIL LAW (D.C.L.)

Any person who has graduated as a B.C.L. from McGill University may after seven years from such graduation proceed to the degree of Doctor of Civil Law, provided he has distinguished himself by eminent services in the domain of law, and provided he has written a thesis on a subject previously approved by the Faculty of Graduate Studies and Research, and that such thesis has been adjudged by that Faculty to be a valuable contribution to legal science. The candidate may, instead of a thesis, submit a published book or books dealing in a scientific way with some branch or branches of law. A very high standard is required for this degree, but it does not call for any resident graduate study in the University.

REGULATIONS FOR THE DEGREE OF DOCTOR OF LITERATURE (D.Litt.)

Bachelors of Arts of McGill University who are graduates of at least seven years' standing, and have distinguished themselves by special research and learning in the domain of arts and literature, may submit their published works to the Faculty of Graduate Studies and Research and apply for the degree of Doctor of Literature. A very high standard is required for this degree which does not call for resident graduate study at the University. Graduates of other Universities are not eligible for this degree. All applications should be addressed to the Dean of the Faculty of Graduate Studies and Research, McGill University.

REGULATIONS FOR THE DEGREE OF DOCTOR OF SCIENCE (D.Sc.)

Bachelors of Arts, Bachelors of Science, Bachelors of Engineering or Doctors of Medicine of McGill University who are graduates in one or other of these Faculties of at least seven years' standing and who have distinguished themselves by special research and learning in the domain of science, may submit their published works to the Faculty of Graduate Studies and Research and apply for the degree of Doctor of Science. A very high standard is required for this degree, but it does not call for resident graduate study at the University. Graduates of other Universities are eligible for this degree, only if they have been for a minimum of seven years members of the professorial staff of McGill University. All applica-

tions should be addressed to the Dean of the Faculty of Graduate Studies and Research, McGill University.

REGULATIONS FOR THE DEGREE OF DOCTOR OF MUSIC (Mus. Doc.)

Bachelors of Music of McGill University, after a lapse of a period of seven years from the time of taking the degree of Bachelor of Music, may proceed to the degree of Doctor of Music, the requirements for which are a composition in extended form, such as an oratorio, opera or cantata. This exercise must have as its first number an introductory orchestral movement in the form of a concert overture, must contain some eight-part writing and fugal treatment, and must be scored for a full orchestra. If preferred, a candidate may present a composition scored for full orchestra in the form of a symphony, symphonic poem or tone poem occupying no less than forty minutes in performance. The University may, if it elects to do so, order the candidate to give a public performance of this original and unaided composition, when approved by the examiners, in some public building connected with the University. In addition, an examination in the higher forms of composition is necessary, together with a critical knowledge of the full scores of certain prescribed work.

Graduates of other Universities can, on payment of the necessary fees, be admitted "ad eundem" to the Degree of Mus. Bac., if they wish to proceed to the further degree of Mus. Doc., provided they secure permission to do so from the Executive of the Faculty of Graduate Studies and Research, the period of seven years referred to above to be counted from the date on which they received the degree of Bachelor of Music from their own University.

REQUIREMENTS FOR MUS. DOC.

Harmony up to eight parts; Counterpoint up to eight parts (Strict and free); Instrumentation; Canon four and two; Fugue up to five parts; History of Music; Form and Analysis based on knowledge of Beethoven's nine symphonies, Brahms' second and third symphonies, a Strauss Tone Poem, Death and Transfiguration, Wagner's Meistersinger and Tannhauser Overtures, either Bach's St. Matthew Passion or Beethoven's Mass in C, and Mozart's Magic Flute or Wagner's Parsifal.

REGULATIONS CONCERNING THESES

In the case of students who wish to graduate at the Spring Convocation, all theses for a Master's degree must be handed to the Dean of the Faculty of Graduate Studies and Research not later than April 29th. Theses for the degree of Ph.D. must be handed in on or before April 25th.

All theses for the degree of Master of Science, or of Engineering which involve experimental work, must be in the hands of the Dean not later than May 10th.

In the case of students who wish to graduate at the Fall Convocation, their theses must be in the hands of the Dean of the Faculty of Graduate Studies and Research not later than September 5th.

Owing to the fact that all theses submitted by successful candidates for higher degrees are bound and placed in the Library, candidates for such degrees are advised that the Faculty of Graduate Studies and Research requires these to be prepared in a uniform manner and in accordance with the following specification:—

(1) The paper is to be of uniform size, 8½ x 11 inches, and of substantial quality.

(2) The left-hand margin is to have a uniform width of about 1½ inches. Drawings larger than the prescribed page should be folded in the manner most suitable for binding.

(3) All theses must be typewritten and in triplicate. Ultimately one copy is deposited in the McGill Library, one in the Departmental Library, and one is returned to the candidate.

(4) No binding is necessary, but the loose sheets must be placed, unfolded, in a manila envelope in the order of their pagination. On the outside of each envelope must be written clearly the name of the candidate, title of thesis, degree, date, and Copy I, II or III.

(5) All copies of the thesis must be double-spaced and free from typographical and other errors, otherwise they will be returned to the candidate for revision, with possible consequent delay in the granting of the degree.

(6) Every thesis should have an abstract or sufficient table of contents, and a thorough bibliography on the subject. Scientific theses should also contain an introductory historical statement of previous work or investigation, and a summary. In the case of the Ph.D. degree, there should be a clear statement of the claim of original work or contribution to knowledge of the author.

(7) In the case of candidates presenting themselves for the degree of Doctor of Science, Doctor of Literature or Doctor of Civil Law, two copies of the book or books—or for the degree of Doctor of Civil Law, should a thesis be substituted, two typewritten copies of the thesis—must be submitted to the Dean of the Faculty of Graduate Studies and Research not later than *February 14th* of the year in which the candidate desires to take the degree.

SUMMARIES OR ABSTRACTS OF THESES

(8) Three copies of a statement must also be presented, on a separate sheet, giving the author, title of thesis, and a summary not exceeding 150 words. These statements will be printed and circulated to various Libraries, to the Deans and Chairmen of Departments at McGill University, to members of the Association of American Universities and to Canadian Universities. For all particulars, apply to the Secretary's Office, Macdonald Physics Laboratory.

COURSES OF GRADUATE STUDY

DEPARTMENT OF AGRONOMY

(Macdonald College)

PROFESSOR OF AGRONOMY:—ROBERT SUMMERBY

ASSISTANT PROFESSORS:—L. C. RAYMOND, E. A. LODS

LECTURER:—J. N. BIRD

The Department is well equipped to conduct research with crop plants particularly in relation to breeding.

All the important periodicals, scientific journals, books and bulletins on Agronomy and related subjects, are available to students in either the McGill, Macdonald College or Agronomy Department Libraries.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

Candidates who take Agronomy as a major subject must have had a good training and achieved high standing in Agronomy, Botany, Chemistry, and Genetics. Those who have not had adequate training in these subjects must rectify any such deficiency.

A. Crop Production.
Two lectures and one laboratory period per week for one term.
Professor Raymond.

B. Experimentation.
One lecture and two laboratory periods per week for one term.
Professor Summerby.

C. Forage Crops. (a) Hay and Pasture, (b) Roots and Corn.
Two lectures and two laboratory periods per week for two terms.
Professor Raymond and Mr. Bird.

D. Grain Crops.
Three lectures and three laboratory periods per week for one term.
Professor Lods.

E. Seminar.
Fortnightly, during the year. Professor Summerby and staff.

Students whose major subject is Agronomy may elect, or may be required to take courses in allied subjects.

It is recommended that candidates spend at least one summer in the Department before or during the course.

DEPARTMENT OF ANATOMY

PROFESSOR OF ANATOMY:—S. ERNEST WHITNALL
PROFESSOR OF HISTOLOGY AND EMBRYOLOGY:—J. C. SIMPSON
ASSOCIATE PROFESSOR OF ANATOMY:—

Adequate laboratory and library facilities are available for the courses listed below and for research.

The Department offers the following courses:—

A. For the M.Sc. degree in Human Anatomy;
B. For the M.Sc. degree in Neuro-anatomy;
C. In certain Minor subjects.

A. Course for the Degree of Master of Science in Human Anatomy.

Pre-requisites for entrance to the course:—

i. The candidate must either (a) have obtained the M.D. degree with good standing, or (b) hold a B.A. or B.Sc. degree and be proceeding to the M.D. degree, which is to be obtained before the granting of the M.Sc.

ii. The candidate must have attained honour standing in the undergraduate course of Human Anatomy, or its equivalent.

Requirements for the degree:—

i. The candidate must present a thesis, as under the General Regulations on page 395.

ii. The candidate must have attended Tutorial Classes in at least two of the following graduate courses, followed by examination:—
(a) Human Embryology.....Professor Simpson and staff.
(b) Human Morphology.....Professor Whitnall
(c) Physical Anthropology.....Professor Whitnall
(d) Human Neuro-anatomy.....(may be arranged)

B. Course for the Degree of Master of Science in Neuro-anatomy.

Note:—*It may not be possible to give this course in 1934-35.*

Pre-requisites for entrance to the course:—

The candidate must have obtained either—

i. At least second class honours in Vertebrate Zoology, or

ii. Honours standing in the undergraduate course of Human Anatomy.

Requirements for the degree:—

i. The candidate must present a thesis, as under the General Regulations on page 395.

ii. The candidate must have attended Tutorial Classes in

(a) Neuro-anatomy and Experimental Neurology and one of the following:

(b) Neuro-physiology or cognate work in the Department of Physiology.

(c) Neuro-pathology.

C. Minor or Cognate subjects.

The following courses may be offered in the Department of Human Anatomy for M.Sc. students who are not proceeding to either of the above degrees:—

(a) Primate Anatomy.....

(b) Neuro-anatomy (Human and Comparative)....

DEPARTMENT OF ANIMAL NUTRITION AND BREEDING

Nutrition, Genetics

CHAIRMAN OF THE DEPARTMENT AND PROFESSOR OF ANIMAL PATHOLOGY:—R. L. CONKLIN

PROFESSOR OF GENETICS:—C. L. HUSKINS (DEPARTMENT OF GENETICS, McGILL)

ASSOCIATE PROFESSOR OF ANIMAL NUTRITION:—E. W. CRAMPTON

ASSISTANT PROFESSOR OF POULTRY HUSBANDRY:—W. A. MAW

LECTURER IN POULTRY HUSBANDRY:—A. J. G. MAW

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

Adequate facilities are available for the courses listed below and for research.

A. Animal Nutrition.
Hours variable.....Prof. E. W. Crampton, Prof. W. A. Maw

B. Animal Breeding.
Hours variable.....Prof. E. W. Crampton, Mr. A. J. G. Maw

C. Genetics. (See Course B—Department of Genetics).

D. Animal Physiology.
Pre-requisite: The undergraduate course in Physiology offered at Macdonald College or its equivalent. It is also advised that the student have some knowledge of Comparative Anatomy.

(a) Lectures and demonstrations.
Three lecture periods per week during the first term. . Prof. Conklin
(b) Laboratory Course
Four laboratory hours per week during the second term
Prof. Conklin

E. Seminar.....Staff

M.Sc. Course Requirements: Major work may be taken in A, B, C, with appropriate minors in C, D.

BACTERIOLOGY

PROFESSOR OF BACTERIOLOGY:—E. G. D. MURRAY

LECTURERS:—FREDERICK SMITH, J. H. GLYNN

During the session 1934-35 this Department is unable to make satisfactory arrangements for graduate students. Instruction is available to suitable candidates, as minor or cognate courses. Application should be made direct to the Chairman of the Department.

DEPARTMENT OF AGRICULTURAL BACTERIOLOGY

(Macdonald College)

ASSISTANT PROFESSOR OF BACTERIOLOGY:—P. H. H. GRAY

ASSISTANTS:—R. REDVERS THOMPSON, E. T. BYNOE

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. Soil Microbiology.....Professor Gray
Reference book: Waksman: Principle of Soil Microbiology; (Williams & Wilkins, Baltimore).

B. Dairy Bacteriology.....Dr. Thompson

C. Physiology of Micro-organisms.....Professor Gray
Text book: Rahn: Physiology of Bacteria; (Blakiston, Philadelphia).
Reference book: Buchanan & Fulmer: Physiology and Biochemistry of Bacteria; (Williams and Wilkins, Baltimore).

D. Colloquium. (One hour weekly) Review of literature, discussion, and criticism.....The Staff.

A minimum of one lecture and one colloquium hour, and six laboratory hours weekly in any one course will form the basis of instruction.

DEPARTMENT OF BIOCHEMISTRY

PROFESSOR:—J. B. COLLIP

ASSOCIATE PROFESSOR:—D. L. THOMSON

LECTURERS:—HANS SELYE, EVELYN M. ANDERSON, R. L. KUTZ

RESEARCH FELLOW:—L. I. PUGSLEY

RESEARCH ASSOCIATES:—C. BACHMAN, MARGARET HILL, KATHARINE R. JEFFERS, C. S. MCEUEN, HECTOR MORTIMER

The Biochemical Laboratories are especially equipped for research on endocrine problems, but ample facilities are also provided for research in other aspects of Biochemistry.

Candidates who have satisfactorily completed the Honour course in Biochemistry as undergraduates may present themselves for examination for the M.Sc. degree at the end of one year's graduate work in the Department; all others are expected to spend two years in the Faculty of Graduate Studies and Research before going forward for the degree. Candidates for the Ph.D. degree must pass a general examination in Biochemistry, but will be judged principally by the ability they display in research. Candidates for either degree are expected to attend Course A (below) and may, according to their qualifications, be required to take undergraduate courses 2 and 3 in Biochemistry or other cognate subjects. (See page 121.).

A. Recent Advances in Biochemistry:

Lectures: Wednesday, Friday at 5.

Text-books:—Peters and van Slyke, "Quantitative Clinical Chemistry" (Williams & Wilkins); Allen, "Sex and Internal Secretions" (Williams & Wilkins); Luck, "Review of Biochemistry" (Stanford Univ.).

DEPARTMENT OF BOTANY

PROFESSOR OF BOTANY:—GEORGE W. SCARTH

LECTURER:—R. D. GIBBS

INSTRUCTOR:—JANE D. SPIER

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR HIGHER DEGREES

A. Comparative Morphology and Taxonomy.
Professor Scarth, Miss Spier, and Mr. Whyte.
B. Plant Physiology.....Professor Scarth and Dr. Gibbs.
C. Cellulor Physiology.....Professor Scarth.
D. Plant Biochemistry.....Dr. Gibbs.
E. Biological Colloquium.....Staff and Graduate Students.

REQUIREMENTS FOR THE MASTER'S DEGREE

Each course demands about six hours laboratory work per week, in addition to prescribed reading and attendance at instructional courses.

The candidate must show special knowledge of, and satisfy the laboratory requirements in, at least *two* of the subjects mentioned above.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Second year students will take that one of the above courses which they did not follow during their M.Sc. year. Further instruction is given mainly by way of conference and direction of study.

DEPARTMENT OF CHEMISTRY

MACDONALD PROFESSOR OF INORGANIC CHEMISTRY AND DIRECTOR OF THE DEPARTMENT:—F. M. G. JOHNSON

MACDONALD PROFESSOR OF PHYSICAL CHEMISTRY:—O. MAASS.

E. B. EDDY PROFESSOR OF INDUSTRIAL AND CELLULOSE CHEMISTRY:—HAROLD HIBBERT.

ASSOCIATE PROFESSOR:—W. H. HATCHER.

ASSISTANT PROFESSORS:—C. F. H. ALLEN.
E. W. R. STEACIE (*On leave of absence*)
J. H. MENNIE.

LECTURERS:—W. H. BARNES
J. B. PHILLIPS

Adequate laboratory and library facilities are available for the courses listed below and for research. The Pulp and Paper Research Institute affords ample facilities for research on the structure and properties of carbohydrates, cellulose, lignin, wood, and pulp and paper.

COURSES FOR HIGHER DEGREES

A. Advanced Organic.
Three hours per week.....Professor Allen.

B. Structural Organic Chemistry.
Two hours per week.....Professor Allen.

D. Advanced Inorganic.
One hour per week.....Professor Johnson.

E. Advanced Inorganic.
One hour per week.....Professor Johnson.

F. Advanced Physical.

(a) Properties of Matter.....2 hrs. per week, 1st term.
(b) Physico-chemical Equilibria.....2 hrs. per week, 2nd term.
(c) Phase Rule..... 1 hr. " " 1st "
(d) Atomic Structure and Radio-activity.....1 hr. " " 2nd "
Professor Maass.

Any or all of these sub-divisions, as well as a course in theoretical calculations, may be required.

G. Colloid and Surface Chemistry.
Two hours per week.....
Laboratory courses are available in all of the above when required.

H. History of Chemistry.
One hour per week.....Dr. Barnes.

The above courses are available for Honours students in Arts and Science and students in Chemical Engineering.

J. Colloquium—Organic.
One hour per week....Professors Hibbert, Hatcher and Allen.

K. Colloquium—Inorganic and Physical.
Two hours per week.....Professors Johnson and Maass.

L. Cellulose, Lignin, and Related Compounds.
One hour per week.....Professor Hibbert.

M. Physical Properties and Chemical Constitution of Organic Compounds.
One hour per week. Second term.....Professor Hatcher.

N. Chemical Kinetics and Photochemistry.
Three lectures per week.....

O. Electrochemistry.

This course is available for Honours students in Arts and Science and students in Chemical Engineering.
One hour per week.....Professor Mennie.

P. Theory of Hydrogen Ion Measurements.
One hour per week. First term.....Professor Mennie.

Q. X-rays and Crystal Chemistry.
(a) Theory, methods and technique.
(b) Results and applications..
[N.B. (a) and (b) are offered in alternate years, commencing with (a) in 1933-34].
One hour per week. Second term..... Dr. Barnes

R. Chemical Engineering. Special Topics.
Two hours per week.. ..... Dr. Phillips

Graduate students are expected to attend the weekly meetings of the Chemical and Physical Societies.

REQUIREMENTS FOR THE MASTER'S DEGREE

I. Students are required to take examinations in (a) Organic, (b) Inorganic, (c) Physical, (d) Colloid Chemistry, and other assigned courses, if any. Students are expected to have covered the subject matter of at least two of the above courses on entrance to the Faculty.

II. *Colloquium*—one per week.
Students are required to present and discuss in an acceptable manner papers dealing with fundamental and recent work.

III. *Special Graduate Lectures.*
Students are required to pass examinations on the subject matter of such lectures as relate to their particular work.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

I. The research work in this Department may be conveniently considered under the following heads:—

(a) Organic Chemistry, (b) Inorganic Chemistry, (c) Physical Chemistry, (d) Colloid Chemistry, (e) Cellulose Chemistry.

One of these (under which the research falls) is designated the "principal subject" and each of the others a "secondary subject." Graduate students are required to take examinations in both "principal" and "secondary" subjects.

Principal Subjects:—Several examinations, both written and oral, are held. Students are responsible for the subject matter of all related lecture courses and assigned reading. Special courses given in other Departments may be assigned and examinations required.

Secondary Subjects:—The examinations are less rigorous than in the principal subject. The subject matter is more clearly defined and may include suitable lecture courses or texts, or both.

II. *Colloquium:*—As for M.Sc. see above.

EXAMINATIONS IN CHEMISTRY

Principal Subject:

1. An examination is held in May of the second year. Additional special examinations are held during the third year.

2. Candidates who fail in the May examination of the second year are required to repeat the year and the examination in the principal subject.

Secondary Subjects:

1. All examinations are available in May and October for candidates in the first two years.

2. A second supplemental examination in any one subject may be taken only on recommendation by the Department.

3. Examinations in all subjects must be passed by the end of October of the candidate's third year.

4. For candidates entering the third year, the October examinations are supplemental examinations only.

General:

1. A candidate who may wish to take examinations in any one or more secondary subjects in October of his entrance year is advised to consult the director of the Department as soon as possible.

2. In a secondary subject a Master of Science examination at McGill will be accepted as a Preliminary Ph.D. examination provided a standard required by the Department is obtained.

Also, candidates who believe they have the necessary qualifications may apply to the director of their research for exemption from examination in a secondary subject. Such qualifications include a high standing in an examination taken at McGill or other University in the secondary subject. The director of the candidate's research may grant this exemption only with the approval of the Department.

DEPARTMENT OF CHEMISTRY
(Macdonald College)

PROFESSOR OF CHEMISTRY:—J. F. SNELL

ASSISTANT PROFESSORS:—J. B. McCARTHY, R. R. McKIBBIN

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE MASTER'S DEGREE

Prerequisites:—Courses in Inorganic, Organic and Analytical Chemistry; training in Qualitative and Quantitative Analysis; courses in Physics.

A. Chemistry of Soils and Fertilizers. Two lectures a week during the Spring term in alternate years. Given in 1935-36. Laboratory work, hours variable.
Supplementary reading.....Professor McKibbin.

B. General Biochemistry. Two lectures a week during the Spring term in alternate years. Laboratory work, hours variable. Given in 1934-35.....Professor McKibbin.

***C. Chemistry of Insecticides and Fungicides.** Three lectures a week during the Spring term. Laboratory work, hours variable. Given in 1934-35.....Professor Snell.

***D. Dairy Chemistry.** Two lectures a week during the Fall term. Laboratory work, hours variable.....Professor Snell.

***E. Food Chemistry.** Two lectures a week during the Spring term. Laboratory hours variable.....Professor Snell.

F. Tutorial in Physical Chemistry.
One hour a week.....Professor McCarthy.

G. Tutorial in Organic Chemistry.
One hour a week.....Professor Snell.

H. Tutorial in Colloid Chemistry.
One hour per week for one term.....Professor Snell.

***I. Seminar.** One hour per week in all years of the course.
Professors Snell, McCarthy and McKibbin.

J. Research.....Professors Snell, McCarthy and McKibbin.

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*These courses are also open to advanced undergraduates.

Special arrangements may be mace for the Ph.D. degree in association with the McGill Department of Chemistry. Agricultural Chemistry will be regarded as the principal subject, and courses taken in the other Departments mentioned in regulation 3 for the degree of Doctor of Philosophy (page 392) as secondary subjects.

Candidates for M.Sc. must qualify in the equivalent of at least four lecture hours of the above subjects in addition to participating in the Seminar.

TEXT-BOOKS

Course A.—N. M. Comber—Introduction to the Scientific Study of the Soil, Ed. Arnold & Co., London.

E. J. Russell—Soil Conditions and Plant Growth, Longmans, Green & Co., London.

Course B.—R. A. Gortner—Outlines of Biochemistry, John Wiley & Sons, New York; Hawk and Bergeim—Practical Physiological Chemistry, D. Van Nostrand Co., New York.

Courses C, D & E.—A.O.A.C. Methods of Analysis, Association of Official Agricultural Chemists, Washington, D.C.

Courses D. & E.—A. G. Woodman—Food Analysis, McGraw Hill Book Co., New York.

Course F.—H. S. Taylor—Treatise on Physical Chemistry—D. Van Nostrand Co., New York.

Course G.—Bernthsen—Organic Chemistry—D. Van Nostrand Co., New York.

Course H.—Kruyt, Colloids, John Wiley & Sons, New York.

DEPARTMENT OF CIVIL ENGINEERING AND APPLIED MECHANICS

PROFESSOR OF CIVIL ENGINEERING:—R. E. JAMIESON

PROFESSOR OF APPLIED MECHANICS AND HYDRAULICS:—ERNEST BROWN

PROFESSOR OF HIGHWAY AND MUNICIPAL ENGINEERING:—
R. DEL. FRENCH

ASSOCIATE PROFESSOR OF CIVIL ENGINEERING:—G. J. DODD

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE MASTER'S DEGREE

A. Statically Indeterminate Stresses.
One term, two hours tutorial, and six hours computation and reports.
Professor Jamieson.

B. Technical Elasticity.
One term, two hours tutorial, and six hours computation and reports.
Professor Jamieson.

C. Secondary Stresses.
One term, two hours tutorial, and six hours computation and reports.
Professor Dodd.

D. Hydraulics.
One hour tutorial, and six hours computation and reports.
Professor Brown.

E. Highway Engineering.
Four hours tutorial, and twelve hours computation and reports.
Professors French and McKergow and staff.

Candidates for the M. Eng. degree will be expected to take at least two courses in addition to thesis work.

DEPARTMENT OF CLASSICS

HIRAM MILLS PROFESSOR OF CLASSICS:—WILLIAM D. WOODHEAD

PROFESSOR OF CLASSICAL PHILOLOGY:—C. H. CARRUTHERS

ASSOCIATE PROFESSOR:—A. M. THOMPSON

COURSES FOR THE DEGREE OF MASTER OF ARTS

Greek A: **Greek Lyric Poetry.** Readings from the Anthologia Lyrica Græca and other texts.
Two hours colloquia.....Professor Woodhead.

Greek B: **History of the Epigram.**
Two hours colloquia.....Professor Carruthers.

Greek C. **Pindar.**
Two hours colloquia.....Professor Woodhead.

Greek E: **Aeschylus, Oresteia.**
Two hours colloquia.....Professor Woodhead.

Latin A: **Vergil, Aeneid.**
Three hours.....Professor Thompson.

Latin C: **Roman Satire.**
Two hours colloquia.....Professor Thompson.

Latin D: **Latin Epigraphy and Palæography.**
Two hours colloquia.....Professor Carruthers.

Latin E: **Petronius and Apuleius.**
Two hours colloquia.....Professor Woodhead.

COURSES IN COMPARATIVE PHILOLOGY

PROFESSOR:—C. H. CARRUTHERS

A. Introduction to the Study of Language.

B. Latin Historical Grammar.

C. Greek Historical Grammar.

D. Elementary Sanskrit.

E. Greek Dialects.

F. Oscan and Umbrian.

All courses are colloquia of two hours weekly.

DEPARTMENT OF ECONOMICS AND POLITICAL SCIENCE

PROFESSOR OF POLITICAL ECONOMY:—STEPHEN LEACOCK

PROFESSOR OF ECONOMICS:—JOSEPH CLARENCE HEMMEON

PROFESSOR OF ECONOMICS:—JOHN PERCIVAL DAY

ASSISTANT PROFESSOR OF ECONOMICS:—JOHN THOMAS CULLITON

SESSIONAL LECTURER IN ECONOMICS AND POLITICAL SCIENCE:—EUGENE FORSEY

COURSES FOR THE DEGREE OF MASTER OF ARTS

A. Development of Public Policy in Canada, 1867-1897.
First term.....Professor Leacock.

B. Development of Public Policy in Canada, 1897-1934.
Second term.....Professor Hemmeon.

C. Graduate Seminar. The graduate seminar will be divided into four groups, each of which will meet twice a week. Under ordinary circumstances graduate students may choose the group in which they prefer to pursue their research work but they may be assigned to any one of the four groups.

Professor Leacock's Seminar Group. The field of work will be the displacement of human labour by machinery, with especial reference to its development in Canada. Special topics for selection will be:—The application of Mechanical Power to Agriculture; Mechanical Power in Household Science; Machinery and Amusement.

Professor Hemmeon's Seminar Group. This group will study economic planning both in the capitalist and the socialist state.

Professor Day's Seminar Group. The development of monetary science since the war.

Mr. Marsh's Seminar Group. Unemployment.

D. Economic Journal Group.

One hour, Fri. at 5.....Professor Culliton

The work in the Department is carried out with special reference to the study of the economic and political problems of Canada.

COURSES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

1. First year of study:—The M.A. course and successful candidacy for the M.A. degree.

2. Second year:—An approved course of study at a University outside of Canada in continuance of the work on the thesis subject already selected.

3. Third year:—Resident study at McGill under the general supervision of the Department, with no fixed hours or fixed units, the work to bear on the thesis subject, and to include the preparation and printing *in book form* of the thesis, such thesis to represent a genuine and useful contribution to the literature of Economics and Political Science as concerning especially the British Empire.

4. The order of study of the Second and Third year may be reversed.

5. The holder of a position on the Staff of McGill may count his years in such a position as equal to resident study in the ratio of two teaching years to one of study.

DEPARTMENT OF EDUCATION

PROFESSOR OF EDUCATION:—F. CLARKE

Conditions of Admission:

Candidates for the degree of M.A. in Education must show (a) that they have satisfied the general conditions for registration as candidates for the M.A. degree as laid down on page 388, or achieved distinction in the general course; (b) that they have attained a high standard (i.e. at least good second-class standing) in the work of the graduate year of training for the Teachers' High School Diploma, or its equivalent; (c) that they have completed at least Course I in Psychology.

COURSES FOR THE DEGREE OF MASTER OF ARTS

Satisfactory completion of the following courses and studies is required:

A. Seminar courses in (1) Secondary Education.*
(2) Comparative Education.

B. Studies of (1) The History of Education in Canada.
(2) A Selected Period or Topic in the General History of Education.

C. An approved course in Philosophy, or Psychology, (prerequisite—two courses, including Course I).

DEPARTMENT OF ELECTRICAL ENGINEERING

PROFESSOR OF ELECTRICAL ENGINEERING:—CLARENCE V. CHRISTIE

ASSOCIATE PROFESSOR:—G. A. WALLACE

ASSISTANT PROFESSOR:—E. G. BURR

LECTURER:—F. S. HOWES

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE OR MASTER OF ENGINEERING

A. Advanced Mathematics.

Lectures, two hours a week..... .....Professor Gillson.

B. Electrical Physics.

Lectures, two hours.....Professors King, Keys and Shaw.

C. Electrotechnics.

Lectures, two hours.

Colloquium, two hours.

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*In special cases candidates may substitute an approved course in Educational Psychology for this requirement, but they must then take the Philosophy course specified under C.

The following courses are offered:—

(a) Design of Electrical Machinery. Professor Christie.

(b) The Protection of Electrical Power Systems. Professor Burr.

(c) Stability of Electrical Systems under normal and transient conditions; determination of short-circuit currents; design of generators and excitation systems for maximum stability.
Professors Christie and Burr.

(d) Inductive Co-ordination of Power and Signal Systems.
Professors Christie and Wallace.

(e) Electric Circuit Analysis. Dr. Howes.

(f) Advanced Wire Transmission Theory. Professor Wallace.

DEPARTMENT OF ENGLISH

PROFESSOR OF ENGLISH:—CYRUS MACMILLAN

ASSOCIATE PROFESSORS:—{GEORGE W. LATHAM, HAROLD G. FILES}

ASSISTANT PROFESSOR:—A. S. NOAD

COURSES FOR THE DEGREE OF MASTER OF ARTS

A. Anglo-Saxon.

Prerequisite:—English 12 (in the undergraduate course).

Two hours.....Professor Latham.

B. The English and Scottish Popular Ballads, with some attention to Canadian Folk-songs and Folk-tales and their relation to those of Europe. Lectures and theses.

Two hours (not given in 1934-1935).....Professor Macmillan.

C. Chaucer.

Prerequisite:—English 14, (in the undergraduate course).

Two hours.....Professor Latham.

D. The Drama in England from 1660 to the present time.
Two hours.....Professor Macmillan.

***E. Spenser and Milton.**
Second term; Tu., Th., Sat., at 12.....Professor Latham.

***F. Shakspere (Six Plays.)**
Mon., Wed., Fri., at 10.....Professor Macmillan.

***G. English Poetry from 1798 to the present time.**
Mon., Wed., Fri., at 11.....
Professor Macmillan, Professor Noad, and an Assistant.

H. English Novelists, from Richardson to the present time.
Tu., Th., Sat., at 10.....Professor Files.

***I. The English Drama, 1590-1642.**
Mon., Wed., Fri., at 11.....Professors Macmillan and Files.
(Not given in 1934-35)

***J. Anglo-Saxon.**
Mon., Wed., Fri., at 2.....Professor Latham.

***K. The Technique of the Drama.**
Lectures and demonstrations in Moyse Hall, Tu., at 10 a.m.
Laboratory hours to be arranged.
Professor Macmillan, Miss Gray and Assistants.

***L. Chaucer.**
Tu., Th., Sat., at 12.....Professor Latham.

***M. Comparative Literature.**
The Influence of English Literature upon the Continent of Europe in the 18th and 19th Centuries.
Three hours.....Professor Noad.

***N. Comparative Literature.**
A study of some literary types from the Renaissance to the present day, with particular reference to the influence of Continental Literatures upon English.
Tu., Th., Sat., at 9.....Professor Noad.

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*Courses marked with an asterisk are undergraduate Honour courses in the Faculty of Arts and Science, which may also be followed by graduate students who have not already taken them.

O. Memoirs and Memoir Writers.
An intensive study of special problems.
Two hours.....Professor Noad.

P. Middle English. Language and Literature.
Three hours.....Professor Latham.

Q. Mystical and Other Religious Literature in English during the Later Seventeenth and the Eighteenth Centuries.
Two hours.....Professor Files.

R. Literary Criticism.
Two hours.....Professor Files.

S. Shakespere. A study of special topics.
Two hours.....Professor Macmillan.

T. Epistolary Literature.
Two hours. (Not given in 1934-35).....Professor Noad.

U. An advanced course in the Technique of the Drama.
Prerequisite:—Course K or its equivalent.
Two hours and laboratory periods.
Miss Gray and other members of the Department.

V. The Literature and Culture of the Renaissance.
Two hours.....Professor Noad.

GRADUATE COURSES

Candidates for the degree of M.A., taking English as their only subject, must select four courses, of which two must be from A to D (inclusive), and O to T, while J, or its equivalent, is compulsory.

DEPARTMENT OF ENTOMOLOGY
(Macdonald College)

PROFESSOR OF ENTOMOLOGY:—W. H. BRITTAIN
ASSISTANT PROFESSOR:—E. M. DU PORTE
LECTURER:—W. E. WHITEHEAD

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY

A. Taxonomy.

Each student must bring to the class a collection of the group of insects on which he desires to work, and may devote the greater portion of his time to a study of this group.
One lecture, one colloquium and four laboratory hours per week.
Professor Du Porte.

B. Insect Morphology and Physiology.

One lecture, one colloquium and four hours laboratory per week.
Professor Du Porte.

C. Economic Entomology.

(a) *Principles of Insect Control.*
One lecture and one colloquium per week for one term.
Professor Brittain.

(b) *Organization and Methods in Economic Entomology.*
One lecture and one colloquium per week for one term.
Professor Brittain.

(c) *The Insect Pests of Crops.*
Four laboratory hours per week throughout the year.
Professor Brittain.

D. Medical and Veterinary Entomology.

Two lectures, three laboratory hours per week for one term.
Professor Du Porte.

***E. Ecology.**

Two lectures a week, first term.....Professor Du Porte.

F. Seminar.

One and one-half hours weekly....Professors Brittain and Du Porte.

G. Research in Entomology.

Four laboratory periods per week.....Professor Brittain.

Students are recommended to take courses offered by the Department of Zoology either as part of their major work or as a minor or cognate subject.

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*This course is also open to advanced undergraduates.

Ph.D. Requirements: The Ph.D. in Entomology may be awarded after the following requirements have been completed:

1. The student must spend two years of resident study and research at Macdonald College, and another year, taken preferably between these two years, at an approved institution other than McGill.

2. The student is also required to spend the equivalent of two summer seasons in research work at a government laboratory or other approved research institution.

DEPARTMENT OF EXPERIMENTAL MEDICINE AND SURGERY

PROFESSOR OF MEDICINE AND CHAIRMAN OF DEPARTMENT:—
J. C. MEAKINS

PROFESSOR OF SURGERY:—E. W. ARCHIBALD

PROFESSOR OF NEUROLOGICAL SURGERY:—W. G. PENFIELD

ASSISTANT PROFESSOR OF NEUROLOGICAL SURGERY:—W. V. CONE

LECTURER IN MEDICAL RESEARCH:—J. S. L. BROWNE

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. Colloquium. Pathological Physiology and Biochemistry.
One hour a week.....Professor Meakins and Dr. Browne.

B. Seminar. Experimental Medicine.
One hour a week.....Professor Meakins and Dr. Browne.

C. Seminar. Experimental Neurology.
One and a half hours a week.....Professors Penfield and Cone.

D. Seminar. Experimental Surgery.
One hour a week.....Professor Archibald and Assistants.

E. Tutorial.
Two hours a week.. Professors Meakins, Archibald, Penfield and Cone.

All candidates for this degree must take at least three of the above courses and devote all the remainder of their time to experimental research, the accomplishment of which, as embodied in their thesis, will be the main consideration in recommending them for this degree.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

The above courses are continued throughout all years of graduate study and the experimental research must be of a fundamental and far-reaching character.

ADVANCED STUDY

In addition to courses leading to the M.Sc. and Ph.D. degrees, the Faculty of Medicine offers opportunities for advanced study in the clinical field to properly qualified graduates who are willing to spend at least six months or a year on intensive work.

For information on such advanced study, graduates should apply to the Secretary of the Faculty of Medicine, McGill University.

DEPARTMENT OF GENETICS

PROFESSOR OF GENETICS:—C. LEONARD HUSKINS
RESEARCH ASSISTANT:—STANLEY G. SMITH

COURSES FOR HIGHER DEGREES

With the Assistance of the Department of Botany and the Faculty of Agriculture, adequate laboratory, greenhouse, field, and library facilities are available for research in Plant or Animal Genetics and Cytology.

A. Cytology (Given in conjunction with the Department of Botany.)

B. Advanced Genetics and Cytology (Given in co-operation with the Faculty of Agriculture, Macdonald College.)

C. Seminar. A course entailing the presentation by each student of at least six reports on current researches in Cytology and Genetics.

D. Biology Colloquium.

E. Botany A, B, C, or D, Zoology C, or D, or other subjects cognate to Genetics or Cytology.

Three or four of the above courses are required for the Master's degree.

A sound knowledge of General Biology and a sufficient knowledge of Mathematics and Statistical Methods are prerequisite.

The research problem may be in Genetics or Cytology, or Cytogenetics.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

For the degree of Ph.D. an advanced research standard is maintained. Course C must be taken in each year and papers must be presented in the general Biological Colloquium. Additional courses will be taken in cognate subjects. Only candidates who have shown indications of distinct research ability during their Master's training will be permitted to register for the Ph.D. degree.

DEPARTMENT OF GEOLOGICAL SCIENCES

PROFESSOR OF GEOLOGY AND CHAIRMAN OF THE DEPARTMENT:—
JOHN J. O'NEILL.
PROFESSOR OF MINERALOGY:—RICHARD P. D. GRAHAM
PROFESSOR OF PALÆONTOLOGY:—T. H. CLARK
ASSISTANT PROFESSORS OF GEOLOGY:—J. E. GILL, F. F. OSBORNE
LEROY FELLOW IN GEOLOGY: ———————

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE MASTER'S DEGREE

Students must take Courses A to G, inclusive.

A Elementary Structural and Dynamical Geology.
Lectures and colloquia; Tu. and Th. at 10.....Professor Gill.

B. Geological Colloquium.—This course must be taken by all graduate students in Geology each year.

C. Ore Deposits.—As in "Mineral Deposits," by Lindgren; "Economic Aspects of Geology," by Leith, and assigned readings and problems.
Seminar, Mon. & Th. at 2.....Professor O'Neill.

D. Optical Mineralogy.
One lecture Mon. at 10, and three hours laboratory per week during the first term.....Professor Graham.

E. (a) **Petrology and Petrography.**—Lectures Mon., Wed., and Fri. at 9. Laboratory Tues. and Thur., 2 to 5.

Text-books: Rosenbusch, Osann, Elemente der Gesteinslehre; Bowen, Evolution of Igneous Rocks, Princeton; Tyrrell, Principles of Petrology, Dutton; Grout, Petrology and Petrography, McGraw Hill; Harker, Metamorphism, Methuen.

(b) **Mineralography.**—Laboratory Wed. 2 to 5. Professor Osborne.

F. Stratigraphy.
Two hours, first term; Mon., Fri. at 11. One hour laboratory, and two full days field work during October.....Professor Clark.

G. Palæontology.—Two hours, second term; Mon., Wed. at 11. Three hours laboratory, Wed., 2 to 5.....Professor Clark.

H. Physiography and Natural Resources of Canada.—Lecture Tu. at 12, and three hours laboratory per week.....Professor Gill.

Students who have satisfactorily completed undergraduate courses in general Geology, Mineralogy, Determinative Mineralogy, Petro-

graphy, Canadian Geology, Stratigraphy, Practical Geology and Ore Deposits, or their equivalents, may expect to complete their M.Sc. course in one year; those specializing in Economic Geology must have certain Engineering credits in addition to the above.

COURSES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

(Second and Third Years)

I. Geology and Problems of the Pre-Cambrian.
Lectures and seminar at least two hours per week; first term; Mon. & Th. at 10.....Professor O'Neill.

J. Geological Map Interpretation.
One hour seminar with assigned problems.
Fri. at 10.....Professor Gill.

K. Geophysics and Geo-Chemistry.
Includes eight to ten lectures on Methods of Geophysical prospecting given by the Department of Physics (if a sufficient number of students apply).
"Applied Geophysics in the Search for Minerals," by Eve and Keys; "Data of Geo-Chemistry," by Clarke.

L. Advanced Petrology and Petrography.—Seminar and at least nine hours laboratory work per week. Petrography Mon. and Fri. at 2; Wed. at 9.....Professors Graham and Osborne.

M. Advanced Mineralogy.
Three hours laboratory per week..... Professor Graham.

N. General Reading.—A supplementary course of assigned readings for which the student will be responsible in his preliminary orals.

O. Physiography.
Seminar Fri. at 11.....Professor Gill.

***P. Advanced Palæontology.**
Hours to be arranged.....Professor Clark.

†Q. Advanced Economic Geology
Seminar, Tu. and Fri. at 2.....Professor O'Neill.

†R. Advanced Structural and Dynamical Geology.—As in "Das Antlitz der Erde," vols. 1, 2, 3, and 4, by E. Suess, and numerous assigned papers.
At least two hours seminar per week. Tu. and Fri. at 2.
.....Professor O'Neill.

Ph.D. students must complete Chemistry 58, 61 and 62, Faculty of Engineering, if not previously taken.

*For students wishing special work in Palæontology.
†Courses Q and R may be given in alternate years.

DEPARTMENT OF GERMANIC LANGUAGES AND LITERATURE

PROFESSOR OF GERMANIC LANGUAGES AND LITERATURE:—H. WALTER
ASSOCIATE PROFESSOR:—W. L. GRAFF

COURSES FOR THE DEGREE OF MASTER OF ARTS

The candidate's course will be selected from the following:—

A. Goethe.
One hour.....Professor Graff.

B. Geschichte des deutschen Romans.
One hour.....Professor Graff.

C. Hebbels Dramen.
One hour.....Professor Walter.

D. Grillparzer.....Professor Walter.

E. Heine und seine Zeit.....Professor Walter.

F. Gothic and Introduction to Germanic Philology.
One hour.....Professor Graff.

Candidates who have not taken German Philology and Mediæval Texts in their undergraduate course must take it as part of their M.A. course, except when German is taken as a minor.

The thesis must be written in German.

DEPARTMENT OF HISTORY

PROFESSOR OF HISTORY:—C. E. FRYER

ASSOCIATE PROFESSOR:—E. R. ADAIR

ASSISTANT PROFESSORS:—T. W. L. MACDERMOT (on leave of absence)
W. M. WHITELAW

COURSES FOR THE DEGREE OF MASTER OF ARTS AND DOCTOR OF PHILOSOPHY

A. Historical Method and Criticism.
Seminar, one hour.....Professors Fryer and Adair

B. The Early History of the English Parliament.
Seminar, one hour.

C. Movements for Religious Reform in the Later Middle Ages.
Seminar, one hour.

C. Experimentation. (See Course B.—Department of Agronomy).
D. Plant Physiology. (See Course B.—Department of Botany).
E. Genetics and Cytology. (See Course B.—Department of Genetics).

Text Books

Pomology—Fundamentals of Fruit Production; Gardner, Bradford & Hooker, 1st Ed. 1922 (McGraw-Hill Book Co.).
North American Orchards; Chandler, 1928 (Lea & Febiger).

Vegetable Crops—Truck Crop Plants; Jones & Rosa, 1928 (McGraw-Hill Book Co.)
Seed Production and Marketing; Cox & Starr, 1928. (John Wiley & Sons).

REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE

1. A candidate must select either Course A or Course B, and Course C, together with at least one of the following: Course D, Course E, or any other course in a cognate subject approved by the Faculty.
2. The research problem must be approved by the Departments of Horticulture and Botany.
3. The candidate must spend one summer in work in the Department before or during the course, or have its equivalent at some other approved institution.

DEPARTMENT OF MATHEMATICS

PROFESSOR OF PURE MATHEMATICS:—CHARLES T. SULLIVAN
PROFESSOR OF APPLIED MATHEMATICS:—NEIL BRUCE MACLEAN
PROFESSORS:—A. H. S. GILLSON, W. L. G. WILLIAMS
ASSOCIATE PROFESSOR:—HERBERT TATE
ASSISTANT PROFESSOR:—GORDON PALL

COURSES FOR THE MASTER'S DEGREE

***A. Introduction to the Theory of Functions of a Real Variable.**
Three hours.....Professor Williams.

***B. Introduction to the Theory of Functions of a Complex Variable.**
Three hours.....Professor Sullivan

C. Theory of Numbers.
Two hours.....Dr. Pall

*Open also to undergraduates of the Fourth Year in the Honour course.

D. Methods of Mathematical Physics.
Two hours.....Professor Gillson.

E. Differential Geometry.
Two hours.....Professor Sullivan.

F. Differential Equations and Advanced Calculus.
Two hours.....Professor MacLean.

G. Theory of Generalized Relativity.
Two hours.....Professor Gillson.

H. Theory of Algebraic Plane Curves.
Two hours.....Professor Sullivan.

I. Calculus of Variations.....Professor MacLean.

J. Projective Geometry.....Professor Tate.

K. Matrices, Substitutions, and Groups.
Two hours.....Professor Williams.

Courses A, B, D, F are given annually. An additional one of the courses listed above will be given, if a sufficient number of qualified students present themselves.

Students taking a minor in Mathematics for the M.Eng. degree must have as preliminary training the Mathematics required of undergraduates in Engineering, with an additional more advanced course in Mathematics.

Students taking a minor in Mathematics for the degree of M.A. or M.Sc. must present courses in Mathematics equivalent to those required in the first three years of the Honour course in Mathematics and Physics, together with one additional course approved by the Department.

For a minor in Mathematics for the Ph.D. degree the student must have the equivalent of the Mathematics required in the honour course in Mathematics and Physics, and an additional graduate course in Mathematics.

The final examination in Mathematics as a minor for the Ph.D. degree includes two papers; one on the graduate course, and a general paper on the facts and principles of the more elementary phases of the Honour courses in Mathematics and Physics.

DEPARTMENT OF MECHANICAL ENGINEERING

PROFESSORS OF MECHANICAL ENGINEERING:—CHARLES M. MCKERGOW, ARTHUR R. ROBERTS

ASSISTANT PROFESSOR:—JAMES A. COOTE

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE MASTER'S DEGREE

A. Engineering Thermodynamics. Prerequisites, *Courses 228, 229 and 251.
Three hours colloquia ..... Professor McKergow.

B. Machine Design. Prerequisites, *Courses 225 and 242.
Three hours colloquia ..... Professor Roberts.

C. Industrial Engineering. Prerequisites. *Courses 253, 254, 258 or their equivalent.
Two hours lectures and two hours colloquia .... Professor Coote.

**These numbers are those of courses given in the Faculty of Engineering.*

DEPARTMENT OF METALLURGICAL ENGINEERING

PROFESSOR OF METALLURGY:—ALFRED STANSFIELD

ASSOCIATE PROFESSOR:—GORDON ST. GEORGE SPROULE

LECTURER:—HAROLD J. ROAST

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE MASTER'S DEGREE

A. General Advanced Metallurgy. Directed reading supplemented by two hours per week of colloquium and three hours per week of laboratory work..... Professors Stansfield, Sproule and Mr. Roast.

This may include a special study of one or more selected metals or of some special branch of Metallurgy such as Electro-metallurgy, Hydro-metallurgy or Metallography.

The following undergraduate subjects are offered to students who did not take them in their undergraduate course:—

B. Advanced Metallurgy. Fourth Year Engineering, No. 272.
Two hours lectures.....Professor Stansfield.

C. Electro-Metallurgy and Laboratory. Fourth Year Engineering, No. 275.
Two hours lectures and one laboratory period in second term.
Professor Stansfield.

D. Metallurgical Analysis. Fourth Year Engineering, No. 279.
One hour lecture and one laboratory period in second term.
Mr. Roast.

E. Metallography and Laboratory. Fourth Year Engineering, Nos. 280 and 281.
One hour lecture and one laboratory period in first term.
Mr. Roast.

DEPARTMENT OF MINING ENGINEERING

PROFESSOR OF MINING ENGINEERING:—WILBERT G. MCBRIDE

PROFESSOR OF ORE DRESSING:—JOHN W. BELL

ASSISTANT PROFESSOR:—OSBURN N. BROWN

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE MASTER'S DEGREE

***A. Mining Engineering.** Course 297 in the Faculty of Engineering (see Announcement of that Faculty).....Professor McBride.

B. Organization and Management of Mines.
Two lectures per week for one term.....Professor McBride.

C. The Settling of Finely Divided Minerals in Water.
Two lectures and one laboratory period for one term.
Professor Bell.

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*Undergraduate course open to graduate students who have not already taken it as undergraduates.

D. Classification Laboratory. Students who wish to supplement Course C will be given one or two laboratory periods per week for one term.....Professor Bell.

E. Filtration in Ore Dressing and Cyanidation.
One lecture and one laboratory period per week for one term.
Professor Bell.

F. Filtration Laboratory. Students who wish to supplement Course E are given one or two laboratory periods per week for one term.....Professor Bell.

G. The Cyanidation of Gold and Silver Ores.
One lecture per week for one term.....Professor Bell.

H. Cyanidation Laboratory. Students who wish to supplement Course G are given one or two laboratory periods per week for one term.....Professor Bell.

I. The Theory and Practice of Flotation.
Two lectures per week for one term.....Professor Bell.

J. Flotation Laboratory. Students who wish to supplement Course I are given one or two laboratory periods per week for one term.....Professor Bell.

K. Fine Grinding of Ores. Two lectures per week for one term.
Professor McBride.

L. Grinding Laboratory. Students who wish to supplement Course K are given one or two laboratory periods per week for one term.
Professor McBride.

M. Mine Ventilation. Two lectures per week..Professor Brown.

Permission is given for two or more graduate students to work together on the physical part of an investigation, when the nature of the problem and the facilities in the laboratory make it desirable to do so.

No collusion in working up of results or in writing of the thesis is allowed.

DEPARTMENT OF ORIENTAL (SEMITIC) LANGUAGES AND LITERATURE

PROFESSOR OF HEBREW AND SEMITIC LANGUAGES, LAW AND HISTORY:—
C. A. BRODIE BROCKWELL

PROFESSOR OF JEWISH HELLENISTIC LITERATURE:—
GEORGE ABBOTT-SMITH

The University Library has a fair collection of the more essential books for graduate work, supplemented by the collections in the Library of Divinity Hall, and the Libraries of the Affiliated Theological Colleges. The Egyptian, Babylonian and Palestinian Archæological Collections in the University Museum are also available to students.

COURSES FOR THE DEGREE OF MASTER OF ARTS

A. Special Texts.
Seminar, one hour.....Professor Brodie Brockwell.
Seminar, one hour.....Professor Abbott-Smith.

B. History of Old Testament Criticism.
Seminar, one hour.....Professor Brodie Brockwell.

C. Semitic Anthropology.
Seminar, one hour.....Professor Brodie Brockwell.

D. Semitic Epigraphy.
Seminar, one hour.....Professor Brodie Brockwell.

E. Christian Hellenistic Texts.
Seminar, one hour.....Professor Abbott-Smith.

F. Hellenistic Grammar, Syntax and Lexicography.
Seminar, one hour.....Professor Abbott-Smith.

G. Critical Use and Values of Hellenistic Documents.
Seminar, one hour.....Professor Abbott-Smith.

Students must obtain at least a high second class from a Semitic Language Department to be eligible for the above courses.

N.B.—By arrangement with the Department, a selection of these courses may be taken, and additional courses will be added to meet individual needs.

DEPARTMENT OF PARASITOLOGY
(Macdonald College)

PROFESSOR OF PARASITOLOGY:—THOMAS W. M. CAMERON

Adequate laboratory and library facilities are available at the Institute of Parasitology for the courses listed below and for research.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A sound knowledge of general Zoology and of elementary Parasitology are pre-requisites.

A, B and C comprise the main courses and further cognate courses from group E may be chosen, depending on the research problem selected and the candidate's previous training.

COURSES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Candidates should have a degree in which Zoology is an important subject; when the special subject for research is an economic one, qualifications in Human or Veterinary Medicine or Agriculture are desirable; if the special branch of research is in Non-Economic Animals, a degree with honors in Zoology is desirable. A minor subject from group E may be selected, but the examination in this should be completed by the end of the second year of study.

A. A systematic study of the animal parasites of man, domestic and economic animals.
Three hours.....Professor Cameron.

B. Practical Parasitology:
Four hours.....Professor Cameron.

C. Field Work: Parasitological surveys. Collections in the field. Methods of control.

D. Medical and Veterinary Entomology—(See Department of Entomology, course D).
Two lectures, three laboratory hours per week, for one term.
Professor Du Porte.

E. Cognate subjects relative to the subject of research, selected from Departments of Animal Husbandry, Agronomy, Bacteriology, Biochemistry, Pathology, Pharmacology, Physiology, Entomology, etc., as may be arranged.

PATHOLOGY

PROFESSOR OF PATHOLOGY:—HORST OERTEL

ASSISTANT PROFESSOR OF PATHOLOGY:—THEO. R. WAUGH

COURSES FOR THE DEGREES OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY

Adequate laboratory and library facilities are available for the courses listed below and for research.

***A. The Historic, Philosophic and Scientific Foundations of Pathology.**
Two lectures and demonstrations.....Professor Oertel.

B. Modern Tendencies and Currents in Pathology.
One hour weekly, second term.....Professor Oertel.

***C. The Hæmatopoietic System; Technique, Methods, Physiology and Pathology.**
(Open also to *advanced* undergraduates.)
One lecture and demonstration.....Professor Waugh.

D. Special Problems in Hæmatology.
Seminar, twice weekly.....Professor Waugh.

E. Research into Hæmatological Problems. Professor Waugh.

F. Practicum and Colloquium in Pathological Anatomy.
One colloquium weekly.....Professor Oertel.

***G. Demonstrative Course and Practical Exercises** in Pathological-Anatomical Methods and Diagnosis, including Autopsy Technique and References to Medico-Legal Practices.....Professor Oertel.

H. Technical Course of Methods of Pathological Investigation.
(According to arrangement.) (Required of all candidates as prerequisite for undertaking research.)

REQUIREMENTS FOR THE DEGREES OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY

Candidates for the degree of Master of Science are required to take or possess the equivalent of Course A. They are also required to attend Course F; and they may choose one of Courses B, C, D, E, or G.

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*These courses are also open to undergraduates.

Candidates for the degree of Doctor of Philosophy are expected to take Course B and pursue a considerable amount of collateral reading of original sources with it. They must also acquire a more extensive knowledge of technical methods as outlined in Course H than required for the M.Sc.

Intending students should have a good grounding in Biology, Comparative Anatomy, Histology and Embryology. An acquaintance with Chemistry especially Organic Chemistry and Biochemistry is necessary.

DEPARTMENT OF PHARMACOLOGY

PROFESSOR OF PHARMACOLOGY:—RAYMOND L. STEHLE
ASSISTANT PROFESSOR:—K. I. MELVILLE

Adequate laboratory and library facilities are available for the courses listed below and for research.

Candidates for higher degrees must present evidence of suitable preparation in Chemistry and Physiology and must have completed the course in Pharmacology as given to medical students.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. Advanced Pharmacology.

B. Colloquium.

One hour weekly.

COURSES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Special arrangements can be made for anyone desiring to proceed to a doctorate.

DEPARTMENT OF PHILOSOPHY

PROFESSOR OF LOGIC AND METAPHYSICS:———————

PROFESSOR OF MORAL PHILOSOPHY AND CHAIRMAN OF THE DEPARTMENT:—C. W. HENDEL

ASSOCIATE PROFESSOR OF PHILOSOPHY:—R. D. MACLENNAN

COURSES FOR THE DEGREE OF MASTER OF ARTS

***A. Social and Political Ethics.** (Not given in 1934-35).

***B. Fundamental Problems of Philosophy.**

***C. Kant and His Influence on Modern Philosophy.**

***D. Seminar on Plato and Aristotle.** (Not given in 1934-35).

***E. Seminar on Contemporary Philosophy.**

***F. Ethics.**

G. Seminar courses will be offered on the special fields of Philosophy in which candidates are studying for their theses.

DEPARTMENT OF PHYSICS

PROFESSORS:—A. STEWART EVE, LOUIS V. KING, A. NORMAN SHAW, DAVID A. KEYS, J. STUART FOSTER

ASSOCIATE PROFESSOR:—HERSCHELL E. REILLEY

ASSISTANT PROFESSOR:—W. H. WATSON

LECTURER IN ASTROPHYSICS:—A. V. DOUGLAS

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE DEGREES OF MASTER AND DOCTOR OF PHILOSOPHY

***A. Electrical Measurements.** (Arts and Science, 6A.)
Tu. at 2, Wed. at 9; Laboratory, Tu., 3-5, Wed. 2-5. Professor Watson. *Reference Books*: Laws' Electrical Measurements (McGraw–Hill); Starling's Electricity and Magnetism (Longmans); Pidduck's Treatise on Electricity (C.U.P.); Hague's Alternating Current Bridge Methods (Pitman, London).

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*These courses are also open to undergraduates.

***B. Light.** (Arts and Science, 6B.) (Replaced by F in alternate sessions.†)

Mon., at 9 (laboratory, Th., 2-5.)...Professor Keys and Dr. Douglas.

Text-books:—Edser's Light (Macmillan); Robertson's Physical Optics (Van Nostrand); Wood's Physical Optics (Macmillan); Drude's Physical Optics, (Longmans).

***C. Electromagnetic Theory.** (Arts and Science, 7A.)

Fri., at 9.....Professor Keys.

Text-books:—J. J. Thomson's Electricity and Magnetism (C.U.P.); Pierce's Electric Oscillations and Electric Waves (McGraw-Hill).

***D. Mathematical Physics.** (Arts and Science, 7B.)

Mon., Thurs. at 10.....Professor Foster.

Text-books:—Houston's Introduction to Mathematical Physics (Longmans); Page's Introduction to Theoretical Physics (Van Nostrand).

***E. Molecular Physics.** (Arts and Science, 8A.)

Wed., Fri., at 10.....Professor Shaw.

Text-book:—Crowther's Ions, Electrons and Ionizing Radiations (Arnold).

Reference:—An Outline of Atomic Physics by the Physics Staff of the University of Pittsburgh (Wiley).

***F. Theory of Heat.** (Arts and Science, 8B.) (Replaced by B in alternate sessions.†)

Mon., at 9; lab. Th. 2-5‡.....Professor Shaw and Dr. Douglas.

Text-book:—Roberts' Heat and Thermodynamics (Blackie).

***G. Radioactivity.** (Arts and Science 9).

Tues. and Thurs. at 11, second term.....Professor Eve.

Text-book:—Rutherford's Radioactive Substances and their Radiations (C.U.P.).

***H. Vector Analysis.** (Arts and Science 10).

Tues., Thurs., at 11, first term.....Professor Eve.

Text-books:—Coffin's Vector Analysis (Wiley), Phillips' Vector Analysis (Wiley), with references to other books by Wilson, Silberstein, Lorentz, Heaviside and others.

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*These courses are open to undergraduates.

†Courses B and F will be given in alternate sessions, as follows:—B in '34–'35, etc., and F in '35–'36, etc.

‡The Department of Metallurgy kindly permits students to do additional practical tests in the Metallurgical Laboratory.

I. Advanced Statics, Dynamics, Hydrodynamics and Sound.
Mon., Fri., at 4.....Professor King.
Text-books:—Lamb's Higher Mechanics (C.U.P.); Basset's Hydrodynamics and Sound (Deighton Bell). References to Lamb's Dynamical Theory of Sound (Arnold); Lamb's Hydrodynamics (C.U.P.); Rayleigh's Theory of Sound (Macmillan): Stewart & Lindsay's Acoustics (Van Nostrand).

†J. Kinetic Theory of Matter.
Wed. at 11, Thurs. at 10.....Professor King.
Text-books:—Jeans' Dynamical Theory of Gases (C.U.P.); Reference, Loeb's Kinetic Theory of Gases (McGraw-Hill).

K. Quantum Theory.
Mon. and Wed., at 12.....Professor Foster.
Text-book:—Birtwistle's Quantum Theory of the Atom (C.U.P.); Ruark and Urey's Atoms, Molecules and Quanta (McGraw-Hill).

L. Relativity.
Sat. at 12, second term.....Professor Gillson.

M. Advanced Electricity and Magnetism.
Prerequisite—Course C.
Text-book:—Jeans' Electricity and Magnetism. (C.U.P.) *References*—Livens' Electricity and Magnetism (C.U.P.); Gray's Absolute Measurements, (Macmillan); E. P. Adams' Smithsonian Mathematical Formulæ and Tables of Elliptic Functions, (Smithsonian Institution, Wash.), and Jahnke und Emde, Funktionentafein mit Formeln und Kurven (Teubner, Lpz.).
Tues. and Fri., at 10.....Professor King.

N. Laboratory Practice and Physical Manipulation.
Mr. H. T. Pye and Mr. S. Amesse.

O. Thermodynamics.
(Alternate sessions, 1934-35, etc.).
Mon. at 10.....Professor Shaw.
Text-books:—Birtwistle's Thermodynamics, (C.U.P.), and Roberts' Heat and Thermodynamics (Blackie.)

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†Courses J and P are sometimes combined and given as one course, two hours per week.

†P. **Electron Theory.**
Wed. at 11, Thurs. at 10.....Professor King.
Text-books:—Richardson's Electron Theory (C.U.P.); Lorentz' Theory of Electrons (Stechert).

Q. **Heaviside's Operational Calculus.**
One Hour.....Professor Gillson.

*R. **Astrophysics.**
Thurs. 2-5.....Dr. Douglas.
Text-books:—Russell's Astronomy, vol. II (Ginn); Dingle's Astrophysics (Collins); Stratton's Astronomical Physics (Methuen).
(Maths. D and F, and Physics 5B prerequisite.)

S. **Mathematical Physics, Wave Mechanics, etc.**
Two hours.....Professor Gillson.

‡T. **Logic of Physics.**
Tu. and Fri. at 12 (first term only).....Professor Watson.

‡U. **Statistical Mechanics.**
Tu. and Fri. at 12 (first term only).....Professor Watson.
References:—Rice's Statistical Mechanics; Fowler's Statistical Mechanics.

V. **Contemporary Physics Seminar.**
One and one-half hours.....Professor Foster.

A suitable selection of the above courses may be made when Physics is taken as a minor or cognate subject. A general paper on elementary physics is also given when Physics is a minor subject.

Course for Master and first year Ph.D.—Four courses must be selected, including K and M, also Mathematics D.

Second Year.—Research and selected courses from the above. General examination.

Third Year.—Research, thesis and oral.

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*Students who have received instruction in Astronomy may apply to proceed to the Dominion Observatory at Ottawa for work in summer.

†Courses J and P are sometimes combined and given as one course two hours per week.

‡Courses T and U are given in alternate sessions. U will be given in 1934-35.

Attendance at meetings of the Physical Society, Journal Club, and Colloquium, together with the presentation papers, form an important element in the training of M.Sc. and Ph.D. students.

DEPARTMENT OF PHYSIOLOGY

PROFESSOR OF PHYSIOLOGY:—JOHN TAIT

RESEARCH PROFESSOR:—B. P. BABKIN

ASSISTANT PROFESSOR:—N. GIBLIN

LECTURER:—S. DWORKIN

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. Lectures on Autonomic Nervous System. . .Professor Babkin.

B. Lectures on Selected Advanced Topics. . . .Professor Giblin.

C. Lectures on Structure and Function. . . . . Professor Tait.

D. Advanced Laboratory.

E. Physiological Colloquium.

F. Lectures on Conditioned Reflexes. . . . . Professor Babkin.

G. Lectures on Secretory Activity of the Digestive Glands.
Professor Babkin.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Courses for a second year, toward the degree of Doctor of Philosophy, may be selected from those set forth above which have not already been taken in the first year of graduate study.

DEPARTMENT OF PLANT PATHOLOGY

(Macdonald College)

ASSISTANT PROFESSORS OF PLANT PATHOLOGY:—{J. G. COULSON, R. F. SUIT

LECTURER IN PLANT PATHOLOGY:—DOROTHY E. NEWTON

Adequate laboratory and library facilities are available for the courses listed below and for research.

Candidates must have completed satisfactory undergraduate courses in Plant Morphology, Physiology, Taxonomy, Histology, and Cytology. Specialists in Plant Pathology should possess a general knowledge of the fundamental practices in Agronomy and Horticulture.

Courses for the Degree of Master of Science and Doctor of Philosophy.

A. History of Plant Pathology. One lecture per week for one term. Extra reading required. Professor Suit.
Text-book:—History of Phytopathology—Whetzel (Saunder's Co.).

B. Advanced Mycology. Two lectures and two laboratory periods per week for two terms. A general course in Systematic Mycology is a prerequisite. Dr. Dorothy E. Newton.
Text-books:—Comparative Morphology of the Fungi—Gaumann and Dodge (McGraw-Hill). Plant Disease Fungi—Stevens (Macmillan).

C. Advanced Plant Pathology.
Two lectures and two laboratory periods per week for two terms.
Professor Coulson and Professor Suit.
Text-book:—Manual of Plant Diseases—Heald (McGraw-Hill).

D. Principles of Plant Pathology. Two lectures and three laboratory periods per week for two terms. Professor Coulson and Professor Suit.

E. Plant Physiology. (See Course B—Department of Botany).

F. Genetics and Cytology. (See Course B—Department of Genetics).

G. Seminar.—A course entailing reading, discussion, appreciation and criticism of research articles, monographs, etc.
One period per week.....Professor Coulson and others.

Candidates for the degree of M.Sc. in Plant Pathology are required to take courses A, G and two others of the graduate courses offered.

The Ph.D. degree in Plant Pathology is offered in association with the Department of Botany. Plant Pathology is to be regarded as the major subject and the courses in the Department of Botany, listed above, as cognate lines of study. The research and thesis must be in the field of Plant Pathology.

DEPARTMENT OF PSYCHOLOGY

PROFESSOR:—WILLIAM D. TAIT

ASSOCIATE PROFESSOR:—CHESTER E. KELLOGG

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR MASTER'S AND PH.D. DEGREES

A. Seminar in History of Psychology.....Professor Kellogg.

B. The Psychology of William James.....Professor Tait.

C. Contemporary Psychology. A group course by the members of the Department.

D. Seminar in Feelings and Emotions.....Professor Tait.

E. Abnormal Psychology.....Professor Kellogg.

F. Advanced Statistical Methods.....Professor Kellogg.

G. Theory and Technique of Mental Tests.
Professors Tait and Kellogg and Mr. Webster.

H. Experimental Education.....Professor Kellogg.

I. Advanced Psychotechnics.....Professors Tait and Kellogg.

J. Research. Under the direction of members of the Department.

For other courses open to graduate students see page 158.

SPECIAL REQUIREMENTS FOR PH.D.

1. Candidates are required to possess an adequate knowledge of the main principles of Physics, Chemistry and Physiology, in so far as these subjects are cognate to Psychology.

2. All atudents are required to have a knowledge of Advanced Statistical methods such as Correlation, Partial Correlation, Regression Equations and methods of testing the reliability of psychological measurements.

3. A certain amount of shopwork is required, enough to show that the candidate is capable of designing and constructing simple apparatus.

4. The preliminary examination for the Ph.D. includes the History of Philosophy, Logic, Principles of Psychology, Experimental and Physiological Psychology, Statistical Methods and Contemporary Psychology.

DEPARTMENT OF ROMANCE LANGUAGES

PROFESSOR OF FRENCH:—R. DU ROURE

ASSOCIATE PROFESSOR:—GEORGES E. LEMAITRE

ASSISTANT PROFESSORS:—LUCIE TOUREN FURNESS, LOUIS D'HAUTESERVE

COURSES FOR THE DEGREE OF MASTER OF ARTS

A. Comparative Literature (Department of English, Course 16).
Three hours.....Professor Noad.

B. Methodologie.
One hour.....Professor du Roure.

C. Maupassant, 1st term; Edmond Rostand, 2nd term.
One hour.....Professor Furness.

D. La Société Française dans ses rapports avec la littérature.
Professor Lemaitre.

E. Exercices pratiques (Colloquia).
One hour.

***F. Histoire du roman en France.**
Three hours. (Given in 1934–35).....Professor du Roure.

***G. Histoire du théatre en France au XIXème Siecle.**
Two hours. (Given in 1935-36).....Professor Lemaitre

***H. Histoire de la langue française.**
One hour. (Given in 1935–36).....Professor d'Hauteserve

***I. Histoire de la poésie lyrique en France.**
Two hours. (Given in 1935-36).....Professor du Roure.

Candidates for the Master's degree in French only will take Course A (if not already taken), two of B, C, D and also E and one of F, G, H, I.

Those taking French as a major will omit A and either B, C or D.

Those taking French as a minor will take E and one of the one-hour courses.

The M.A. thesis must be written in French.

Students from other Provinces and States where the opportunities of speaking French are small cannot normally obtain an M.A. in less than two years.

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*These are also Honour courses in the Faculty of Arts and Science.

FRENCH SUMMER SCHOOL

Information as to this School may be obtained from the Director, Professor R. du Roure.

Students who attend the French Summer School do not thereby become members of McGill University, but the records of their work are kept by the University Registrar.

Those students who have successfully completed three years at the French Summer School, or the equivalent, may apply to the Dean of the Faculty of Graduate Studies and Research with a view to enrolment in that Faculty, to proceed to the M.A. degree. Registration should be made in person during the first half period of the candidate's fourth session in the French Summer School, (a) at the Office of the Dean of the Faculty of Graduate Studies and Research, and (b) at the Office of the University Registrar. A registration fee of $10.00 will be charged. The student will also be required to pay the usual graduation fee of $20 on presenting a thesis.

Prerequisites; A B.A. degree with at least second class honours from McGill University, or a B.A. degree with equivalent standing from some other recognized University.

DEPARTMENT OF SOCIOLOGY

PROFESSOR OF SOCIOLOGY:—CARL ADDINGTON DAWSON

ASSISTANT PROFESSOR:—EVERETT CHERRINGTON HUGHES

The Department especially encourages research in Canadian problems, such as: the peculiarities of Canadian culture and social organization; the ecological organization of Canada, and the development of pioneer regions; the Canadian city; immigration and race relations; population and related problems; the Press and other social institutions; crime, delinquency, and other forms of social disorganizations.

COURSES FOR THE DEGREE OF MASTER OF ARTS

***A. The Community.** Third and Fourth Years.
(Given in 1935-36).....Professor Dawson.

***B. Social Origins.**
First term: Mon., Wed., Fri., at 9.....Professor Hughes.

***C. Social Movements.**
Second term: Mon., Wed., Fri., at 9.....Professor Hughes.

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*These are also honour courses in the Faculty of Arts and Science.

D. Social Institutions.

(Given in 1935-36).....Professor Hughes.

E. Social Attitudes and Personality.

Hours to be arranged.....Professor Dawson.

F. Graduate Seminar.

Hours to be arranged.....Professors Dawson and Hughes.

Written examination in each course of study and a general oral examination are required of each candidate.

NOTE.—The starred courses are also undergraduate Honour courses. Additional work will be required of graduate students who take such courses.

DEPARTMENT OF THEOLOGICAL STUDIES

PROFESSOR OF JEWISH HELLENISTIC LITERATURE:—GEORGE ABBOTT-SMITH

PROFESSOR OF CHURCH HISTORY AND PHILOSOPHY OF RELIGION, CO-OPERATING THEOLOGICAL COLLEGES:—O. W. HOWARD

PROFESSOR OF CHURCH HISTORY, CO-OPERATING THEOLOGICAL COLLEGES:—WILLIAM A. GIFFORD

PROFESSOR OF OLD TESTAMENT LITERATURE AND EXEGESIS, CO-OPERATING THEOLOGICAL COLLEGES:—R. B. Y. SCOTT

PROFESSOR OF NEW TESTAMENT LANGUAGE AND LITERATURE, CO-OPERATING THEOLOGICAL COLLEGES:—JAMES SMYTH

PROFESSOR OF NEW TESTAMENT LANGUAGE AND LITERATURE, CO-OPERATING THEOLOGICAL COLLEGES:—R. K. NAYLOR

A selection from the following courses may be taken as fulfilling the requirements of a minor or cognate subject for the degree of Master of Arts.

OLD TESTAMENT

A. Introduction—Canon, Text and Introduction to the Historical Books.

Three hours a week throughout the year.....Professor Scott.

NEW TESTAMENT

B. Introduction.

(1) History of New Testament Times.
(2) Canon and Text.
(3) The Language of the New Testament.

Three hours a week throughout the year.

Professor Abbott-Smith and Professor Naylor.

C. Introduction to the Acts and Pauline Epistles; and Exegesis (Greek) of the Epistle to the Galatians and the Pastoral Epistles.

Three hours a week throughout the year.

Professor Smyth and Professor Abbott-Smith.

D. Introduction to the Catholic Epistles; and Exegesis (Greek) of the Epistles of Second Peter, and John.

Three hours a week throughout the year.

Professor Smyth and Professor Naylor.

HISTORY

E. The Rise and Progress of Protestant Christianity in Europe until the close of the 16th Century.

Two lectures a week with weekly colloquium....Prof. Gifford.

F. History of the Christian Church in the First Six Centuries.

Two lectures a week with weekly colloquium....Prof. Howard.

G. History and Comparative Study of Religions—chiefly Hindu, Buddhist, Zoroastrian and Mohammedan (Islam).

Two hours a week for two terms.....Professor Gifford.

DEPARTMENT OF ZOOLOGY

STRATHCONA PROFESSOR OF ZOOLOGY:—H. B. FANTHAM
ASSOCIATE PROFESSOR:—N. J. BERRILL
ASSISTANT PROFESSOR:—V. C. WYNNE-EDWARDS
LECTURERS:—W. TEMPLEMAN, B. W. TAYLOR
ASSISTANT:—KATHLEEN TERROUX
RESEARCH ASSOCIATE:—ANNIE PORTER

Adequate laboratory and library facilities are available for the courses listed below and for research.

A. Advanced Zoology.

First term:—Two hours lecture and three hours laboratory.

Professor Fantham and Mr. Taylor.

B. Ornithology.

Second term:—Two hours lecture and three hours laboratory.
Professor Wynne-Edwards.

C. Comparative Embryology.

First term:—Two hours lecture and three hours laboratory.
Professor Berrill.

D. Experimental Zoology.

Second term:—Two hours lecture and three hours laboratory.
Dr. Terroux.

E. Biological Colloquium.....The Staff and Graduate Students.

F. Recent Researches in Zoology..... Professor Fantham.

LABORATORIES AND LIBRARIES

Adequate laboratories and laboratory equipment are available for undergraduate instruction and for the use of students in the Faculty of Graduate Studies and Research.

All students have free access to the Redpath Library, containing over 300,000 volumes, to the Faculty Library in the Engineering Building, containing about 2,000 titles of particular interest to students of engineering, and to the special libraries of the Department of Chemistry and of the Department of Physics.

DEPARTMENT OF SOCIAL RESEARCH

DIRECTOR:—L. C. MARSH

The Department of Social Research is not a separate teaching Department but is organized in co-operation with the Departments of Economics, Sociology, Education, Psychology, etc., to supervise and co-ordinate the research on unemployment and related problems which has been undertaken since the grant for this research was made by the Rockefeller Foundation in 1930.

Details concerning fellowships, etc., may be obtained from the Director.

Graduate students working on projects approved by the Social Research Council are expected (subject to satisfactory progress in the first year) to devote at least two years to their work. Subject to this condition and provided that requirements laid down by the Department in which the thesis is presented are met, work on such projects is accepted in satisfaction of research requirements for M.A., and other higher degrees.

The following courses are available, intended primarily for graduate students. Either course 1 or 2, however, will be accepted by the Economics, Sociology, Psychology, or Education Departments as the equivalent of a Fourth Year (B.A.) half course.

1. **Industrial Fluctuations.**
   First term; Mon., Wed., Fri., at 12.00 noon.....Mr. Marsh.

2. **Post-War Unemployment Problems.**
   Second term; Mon., Wed., Fri., at 12.00 noon.....Mr. Marsh.

3. **Research Seminar.**
   For graduate students. Wednesdays at 5.00 p.m.
   unless otherwise arranged.....Mr. Marsh.

THE LIBRARY SCHOOL

REQUIREMENTS FOR ADMISSION

1. Applicants for admission to the course leading to the degree of Bachelor of Library Science must have a Bachelor's Degree from a recognized college or university and must present an official transcript of their college record.

2. Experience has shown that applicants over thirty-five years of age should not be encouraged to enter the School.

3. Applicants for admission must fill in the School Application Form and attach thereto a recent photograph.

4. Ability to use a typewriter is a valuable part of the equipment of a library assistant, and students are advised to provide themselves with a portable typewriter or should rent one from the School.

PARTIAL STUDENTS

A limited number of qualified students who are not candidates for the degree may be admitted to individual courses as partial students. Teachers and qualified persons may attend the special lectures. Before registration such students must satisfy the Faculty of the School of their ability to follow the courses selected, and they must fulfil all requirements of classroom work and tests prescribed for regular students of these courses. A certificate of attendance may be obtained on application to the Registrar of the University accompanied by the required fee; but no certificates shall be given for attendance at lectures unless the corresponding examinations have been passed. Such students can often more profitably attend the Evening Courses or the Summer Session, details of which may be obtained on application.

REGISTRATION AND ATTENDANCE

REGISTRATION:

1. Students in the Library School are required to present themselves at the office of the Library School some time during the seven week-days preceding the commencement of lectures, in order to furnish the information necessary for the University records, and to register for the particular courses which they wish to attend. For dates, see page 64.

2. At registration each student receives cards of admission to the courses he is to take.

ATTENDANCE:

1. Students are required to attend at least seven-eighths of the total number of lectures or laboratory periods in any one course.

2. Excuses on the ground of illness or domestic affliction are dealt with only by the Director of the School. Medical certificates covering absences must be presented by the student immediately after his return.

3. Those whose unexcused absences exceed one-eighth of the total number of lectures are not permitted to take the regular examination in that course; and those whose unexcused absences in such a course exceed one-fourth of the total number of lectures must repeat the work in that course for credit.

4. Lectures commence at five minutes after the hour, on the conclusion of the roll call. After the commencement of a lecture students are not allowed to enter, except with the permission of the instructor.

SCHOLARSHIP AND PRIZES

1. The Ethelwyn M. Crossley Scholarship Fund is available for women students. Details may be obtained on application to the Secretary of the School.

2. A book prize is given to the student who obtains the highest average in the year's work.

PHYSICAL EXAMINATION

1. All students entering the University are required by the Provincial Board of Health to present a certificate, or other satisfactory evidence, of successful vaccination within seven years, or of insusceptibility to vaccine within five years, failing which they shall at once be vaccinated in a manner satisfactory to the Medical Examiner.

2. Students must also present a Certificate of Health, which may be obtained from the School and which should be filled in and signed by a physician.

FEES AND EXPENSES

1. REGULAR STUDENTS:

Fees are due and payable to the Bursar at his office on September 24, but they will also be received before that date. After October 15 or February 1 (as the case may be) an additional fee of $2.00 is charged for payment after the specified dates.

Fee for the Library Course (including the use of the Library, and Diploma)	$150.00
By instalments:	
First instalment	77.00
Second instalment	77.00
Fee for each supplemental examination	5.00

2. Partial Students:

Fee for partial students, per point, in required courses	$15.00
Fee for partial students, per point, in elective courses	12.50
Library fee for partial students taking less than two points, unless already registered at McGill	4.00
Certificate for partial students	1.00

Immediately after October 15 (or February 1, in the case of students who pay by instalments), the Bursar will send to the Director of the School a list of registered students who have not paid their fees. Such students cannot be re-admitted to classes except on presentation of a receipt signed by the Bursar certifying the payment of the necessary fees.

3. Student Activities:

A fee of $3.00 is required of all students for Athletics and use of Athletic Grounds, and $1.50 for the *McGill Daily*.

4. Caution Money:

Every student is required to deposit with the Bursar the sum of $20.00 as Caution Money to cover damage done to furniture, books, apparatus, etc. This amount, less deduction (if any), will be refunded at the end of the session, *on presentation of receipt.*

5. Field Work:

The Library School trip to New York in April is a required part of the Library Course, and students should allow a minimum of $75.00 for this purpose.

6. Textbooks and Materials:

Students should allow approximately $35.00 for textbooks, blank forms, cataloguing cards, and other library supplies needed during the session. These may be purchased at cost from the Secretary of the School. Portable typewriters may be rented, for use in the School only, at the rate of $1.00 per month.

7. Board and Residence:

Information about boarding and lodging houses may be obtained on application to the Secretary of the School. Board and lodging can be obtained in private houses in the vicinity of the Library at a cost of from $35.00 to $60.00 per month; or, separately, board from $25.00 per month, and rooms from $12.00 upward per month. Men students can obtain board at the McGill Union at low rates, either in the dining room or at the lunch counter.

8. GRADUATE WOMEN'S HOSTEL: (See page 471).

9. CLUBS AND SOCIETIES:

Women students of the School are eligible for membership in the Monteregian Club, 3426 McTavish Street, and in the University Women's Club, 3492 Peel Street, in the immediate neighbourhood of the School.

LIBRARY VISITS

The lectures and practice work of the School course are supplemented and illustrated by required professional visits and reports:

(*a*) Visits to libraries, binderies, book shops, museums, and printing establishments in Montreal and its neighbourhood.

(*b*) A week's visit, under the direction of members of the Faculty, to similar institutions in New York and adjacent cities.

PRACTICE WORK

After the final examinations, two consecutive weeks of practice work in a library of recognized standing are required. This affords the student an opportunity to acquire confidence in carrying out duties while under the supervision of an experienced librarian, and, at the same time, to observe how theories learned throughout the course are adapted to meet practical conditions.

ACADEMIC COSTUME

Bachelors of Library Science of McGill University are entitled to wear the regulation black Bachelor's gown and a Bachelor's hood of black lined with burnt orange silk and trimmed with white rabbit fur.

DESCRIPTION OF COURSES

Details of the Courses are given in the special Library School Announcement.

1a.—*Administration of Libraries.* 24 Lectures. Autumn Term. DR. LOMER.

1b.—*Administration of Libraries.* 22 Lectures. Winter Term. DR. LOMER and PROFESSOR CARTER.

2a.—*Classification and Cataloguing.* 48 Lectures and 96 Laboratory Hours. Autumn Term. MISS AGNEW.

2b.—*Classification and Cataloguing.* 24 Lectures and 48 Laboratory Hours. Winter Term. MISS AGNEW.

2c.—*Advanced Classification.* 16 Lectures. Spring Term. MISS AGNEW.

3a—*Reference Work and Bibliography.* 48 Lectures and 12 Laboratory Hours. Autumn Term. MISS HIGGINS.

3b—*Reference Work and Bibliography.* 24 Lectures and 8 Laboratory Hours. Winter Term. MISS HIGGINS.

4a.—*Book Selection.* 48 Lectures and 12 Laboratory Hours. Autumn Term. PROFESSOR CARTER.

4b.—*Book Selection.* 16 Lectures and 8 Laboratory Hours. Winter Term. PROFESSOR CARTER.

5a.—*Routine of Acquisitions.* 12 Lectures. Autumn Term. DR. LOMER and MISS HIGGINS.

6a.—*History of Books and Printing.* 12 Lectures. Autumn Term. DR. LOMER.

6b.—*History of Books and Printing.* 16 Lectures. Winter Term. DR. LOMER.

7b.—*Circulation* 16 Lectures. Winter Term. MISS HIGGINS.

8b.—*Library Buildings and Equipment.* 10 Lectures and Problems. Winter Term. PROFESSOR TURNER.

9c.—*Canadian Government Documents.* 32 Lectures. Spring Term. MISS HIGGINS.

10c.—*Periodicals and Serials.* 8 Lectures. Spring Term. MISS AGNEW

11c.—*Binding.* 8 Lectures. Spring Term. DR. LOMER.

12c.—*College and University Libraries.* 24 Lectures. 8 Laboratory Hours. Spring Term. DR. LOMER and PROFESSOR CARTER.

13c.—*Special Libraries.* 24 Lectures. 8 Laboratory Hours. Spring Term. PROFESSOR CARTER and Special Lecturers.

14c.—*School Libraries and Children's Reading.* 24 Lectures. 8 Laboratory Hours. Spring Term. PROFESSOR CARTER and MISS HIGGINS.

15c.—*Field Work, Observation and Visits.* The equivalent of 45 practice hours. Spring Term.

As all instruction in the Library School is given with a view to its application in professional service, it is essential that students have sufficient opportunity for practical work. The School affords this in three ways:

1. The problems and laboratory work involved in the technical courses provide the conditions necessary for the practical application of the principles and methods taught.

2. Field work in the third term provides an opportunity for wider observation, comparison of libraries and their methods, and actual practice in the routine of library work where the pace is set by experienced workers. A programme of conducted visits to other libraries, including a week's visit to New York and vicinity, is planned for the third term as a required part of the course. This aims to give the student an opportunity to observe the practical application of subjects taught.

3. Two weeks of practical work under supervision is planned to take place in May, in order that the student may acquire an appreciation of library work as a whole.

SCHOOL OF PHYSICAL EDUCATION

GENERAL INFORMATION

History and Aims.

The McGill School of Physical Education, which was established in 1912, has grown from a short summer course to a full three years' course (one year of which is spent in the Faculty of Arts and Science) and is now officially recognized by, and is an integral part of, McGill University. It has, since its inception, been fulfilling its purpose, to provide Canada with a training centre for teachers of physical education, with marked success.

The modern conception of education is one which includes the individual as a unit and which strives to link all subjects in an organic whole. The physical education of to-day contributes to general complete education by means of motor activities which develop desirable standards of conduct, wholesome attitudes, sound habits of thinking, and efficiency of the human machine.

The Field

The field for trained teachers in physical education is rapidly widening in scope to include such organizations as the following: Public and Private Schools; High Schools; Colleges; Y.M.C.A.'s; Y.W.C.A.'s; Church Clubs; Playgrounds; Recreation Centres; Welfare and Social Clubs; Settlements; Industrial Organizations; Boy Scouts; Girl Guides; Summer Camps, etc.

Courses Offered

For the Diploma:—One year in the Faculty of Arts and Science followed by a two-year course, from September to May, inclusive, is required for the Diploma of the School, and includes an analysis of the underlying principles of general education, educational psychology, the physical organism as a functioning unit, and a study of the possible contribution of physical education to the problems of modern civilization. Opportunity for practice teaching under staff supervision is provided.

For the Higher Diploma:—A one-year course available only for University graduates who show special aptitude for the teaching profession, good neuro muscular skill and who have, in their undergraduate work, completed courses considered relevant to further study in physical education.

Entrance Qualifications.

For the Diploma:—The completion of one year in the Faculty of Arts and Science (including two Sciences).

For the Higher Diploma:—This Diploma is available only for students who hold a University degree, and who have covered satisfactory courses in their Undergraduate work.

General:—A natural aptitude for, and previous training in physical activities, together with a sense of rhythm, are essential. A student should know how to swim, play basketball and tennis, skate, and have had some instruction in gymnastics and dancing before entering.

Students who desire to follow this course, should consult with the head of the Department concerning detailed requirements in motor activities.

The programme of physical education places a rare opportunity in the hands of the instructor, and thus necessitates a forceful personality, guided by high ideals and aspirations, an understanding of people and an ability to organize and control group activities.

Facilities.

The University Library and Museums are available for use by the students, as are the University Hockey Rinks, Tennis Courts and the Percival Molson Memorial Stadium.

A special library of selected works and the leading magazines on physical education are available for use by the students.

Exceptional facilities are afforded for practice teaching and observation in the Public Schools under the Protestant Board of School Commissioners, the Hampstead Intermediate School, and in various institutions throughout the City.

Residence (Women Students).

Residence in the Royal Victoria College is available for the students of the School of Physical Education. First and second year students, whose homes are not in Montreal, are expected to live in this building, and reservation should be made well in advance. Those who do not so apply are required to submit their plans for residence to the Director of the Department of Physical Education for approval. No sanction can be given to establishments of students in apartments, or elsewhere, unless such households are presided over by a parent or other responsible person approved by the University.

No room is assigned for a shorter period than the University session. Students who are requested to withdraw from the University are also required to withdraw from residence.

The charge for board and residence, in addition to the sessional fee for tuition, is $470 ($175 for room, $295 for board) for the session. This may be paid in two equal instalments of $235 in October and February. Room rent includes all expenses of heat and light (not other electrical attachments, for which fees are charged). These charges cover the University session from the day before the last day of registration (September 11th) until the day after Convocation for students of the second year and until the Monday after the session closes for first year students.

A deposit of $10 is required when a room is reserved, and is deducted from the charges of the first term.

Costume for Women Students.

The regulation costumes of the School must be worn, and students will not be permitted to wear other than the regulation garments. Measurement blanks will be furnished upon registration and students will be advised where the costumes can be secured. A list of articles required, with approximate cost, will be sent to students on application.

Text-Books.

Students will be required to purchase text-books, as the University Library exists for supplementary reading only.

Student Organizations (Women).

All undergraduate women are members of the Women's Union of McGill University (official undergraduate society) and all its subsidiary associations. An Undergraduate Association is also organized by the School of Physical Education.

Girl Guides.

The 1st Montreal Cadet Ranger Company under the auspices of the School is open to those who wish to have training as Girl Guide Leaders.

Professional Opportunities.

Students will be required to attend lectures and performances of a professional nature from time to time, for which a small admission fee may be required.

Medical Examination. (See page 100.)

Admission.

Men and women students are admitted to the regular courses in the School. They will not be admitted if they are less than eighteen (18) or more than twenty-seven (27) years of age, except under special conditions. A personal interview is advisable, and applicants must have had some practical experience in physical work before registration.

A photograph and two references, one from a former teacher, must be sent direct to the School. Neither reference should be from a relative.

Partial students, both men and women, are admitted to special courses at the discretion of the Committee, and the work done may count toward the Diplomas of the School.

Regulations.

1. All students enter the School on an indeterminate probation. Students who are considered unsuitable for the profession are advised to discontinue.

2. A student may at the discretion of the Committee be requested to withdraw at any time for reasons of unsatisfactory work or conduct.

3. Established University regulations are applicable in case of absences.

4. No student is permitted to participate in outside demonstrations, classes or teams, etc., without first having secured permission from the Director.

REGISTRATION AND FEES

REGISTRATION

Students in the School of Physical Education register at the Office of the School on September 10th to September 12th, and the opening lecture will be given on Thursday, September 13th. Students registering late are required to pay a late fee. Application forms should be returned not later than September 8th, 1934.

FEES

Tuition Fees

1. *Diploma Students*

Annual fee for British students	$200.00
By instalments: Each of two instalments	102.50
Annual fee for Non-British students	250.00
By instalments: Each of two instalments	127.50

NOTE:—The deposit fee of $10.00 for residence accommodation made at the time of acceptance of application will be deducted from the charges for the first term (see page 453).

2. *Partial Students*

Per hour of instruction per week, for full course	$9.00
For use of Library	4.00

The total partial fee will not exceed the full undergraduate fee.

Partial students taking courses in the Faculty of Arts and Science will pay the fees stated in the Announcement of that Faculty.

Other University Fees.

3. Registration (British)	$5.00
Registration (Non-British)	10.00

The Registration Fee is paid once only—when the student first enters the University.

Late registration, after Sept. 19th	5.00
Late registration, after Sept. 26th	10.00
Annual Health Service (see page 100)	5.00
Supplemental Examinations (theory or practice)	10.00

Receipts for supplementals must be shown to the Director's Office before the examination.

Graduation (British)	$10.00
Graduation (Non-British)	15.00
Conferring Diploma *in absentia*	10.00
Duplicate diploma	10.00
Certified copy of student's record	1.00
Fine for late medical examination (see page 100)	$5.00 or $10.00

4. *Caution Money.* Every student is required to make a deposit of $10.00 as Caution Money to cover damage done to furniture, apparatus, books, etc. This amount, less deductions, is returned at the close of the session.

Students' Activities.

5. A sessional fee of $12.00 for women, $17.00 for men, is payable by all regular students for the support of student organizations, for the rinks and tennis courts and for admission to all home games under the control of the Athletic Board.

6. Partial students pay $3.00 for athletics and athletic grounds. If they desire such of the privileges of Section 5 as are open to them, an additional $7.50 will be charged.

General Regulations.

7. *Dates for payment.* Fees are due and payable at the Bursar's Office on Friday, September 14th, but they may be paid before that date. The second instalment of tuition fees is due and payable on February 1st. An additional $2.00 is charged for payment after the specified dates.

8. Students registering late pay their fees at the time of registration failing which they become subject to the provisions of Regulation 7.

9. Any student who fails to pay his fees within a month of the prescribed date is suspended until all the fees due have been paid.

10. All fees are payable in Canadian currency.

11. Domicile will in general determine whether a student pays the British or Non-British fees. Students who are uncertain which they will be required to pay should consult the Registrar.

EXAMINATIONS AND PRIZES

Diplomas.

Diplomas are granted to successful students at the end of the course. Strathcona Certificates issued through the Strathcona Trust are granted to students on the completion of one year in the School.

The Diplomas of the School are recognized by the Protestant Committee of the Department of Education, Province of Quebec, and the Protestant Board of School Commissioners of Montreal as qualifying students who are British subjects for the rank of Specialist in the Public Schools.

Candidates for the Higher Diploma are urged to qualify for the High School Diploma, available through the Department of Education.

Prizes.

1. GOLD MEDAL.—The School offers a gold medal to the graduate student who attains the highest general proficiency throughout the course.

2. A Shield, presented by the Class of 1925, is awarded to the graduate student attaining the highest standing in practice teaching throughout the course and is held for one year by the student.

3. LIEUTENANT-GOVERNOR'S SILVER MEDAL.—This medal is awarded to the Senior Student of the undergraduate course, who attains the highest general proficiency throughout the course.

4. A Cup, presented by the Class of 1916, is held for one year by the Senior Student of the undergraduate course who attains the highest standing in practical work.

5. LIEUTENANT-GOVERNOR'S BRONZE MEDAL.—This medal is awarded to the Junior Student of the undergraduate course who attains the highest general proficiency in the sessional examinations.

COURSES OF INSTRUCTION

For the Undergraduate Diploma

Year I.

Anatomy.
Physiology 1 (See page 157).
Psychology 1 (See page 158).
Principles of Physical Education 1.
Personal and Community Hygiene.

Elective: (To be selected from courses given in the Faculty of Arts and Science and approved by the Director).

Physical Education Practice to include:

Theory and Practice of Games 1.
Theory and Practice of Dancing 1.
Theory and Practice of Fundamental Gymnastics 1.

Advanced Swimming.

Year II.

Physiology of Exercise.
History of Physical Education.
Principles of Physical Education 2.
Physical Education Methods.

Physical Education Practice to include:

Theory and Practice of Games 2.
Theory and Practice of Dancing 2.
Theory and Practice of Fundamental Gymnastics 2.
Winter Sports.

THEORY—YEAR I

Anatomy

The emphasis in this course will be upon the body as a living mechanism, in which the functions and structure are inseparably related and in which the activities of all parts are intimately co-ordinated. It will run concurrently with, and closely parallel to, the course in physiology. 2 hrs. 1 hr. Lab. Texts: Anatomy and Physiology, Williams, (Saunders Co.)

Physiology 1

See page 157.

Psychology 1

See page 158.

Principles of Physical Education 1

An analysis of the aims of physical education and their relationship to those of general education. The study of programme construction in relation to the adaptation of the activities to the physical, mental, social and moral development of the child.

The principles underlying the health programme, follow-up methods and procedures in a programme which will make it effective in maintaining a healthy student body.

The nature and function of play, its relation to the psychological development of the child. The contribution of organized play to society and the principles underlying such organizations.

Standards for judging the teaching and measuring results; the principles of progression; the extra curricular programme and its guidance; the responsibilities, policies and relationships of the teacher of physical education.

3 hrs. Texts: Theory of Organized Play, Bowen & Mitchell; Practice of Organized Play, Bowen & Mitchell (Barnes); The Child and Play, Rogers (Century).

Personal and Community Hygiene

An elementary study of the more common pathogenic organisms and communicable disease; their relation to health; precautions against, and means of combating, pathogenic organisms.

Health organizations and the means for the maintenance of health; the effect of various occupations on health; the laws of healthful living and the responsibility of the individual.

2 hrs. Texts: Personal Hygiene Applied, Williams, (Saunders).

Elective

(To be selected from the courses given in the Faculty of Arts and Science and approved by the Director of Physical Education).

THEORY—YEAR II

Physiology of Exercise

A study by lectures and demonstrations of the effects of exercise on the neuro-muscular system, metabolism, respiration, circulation, etc. The effects of various types of exercise will be studied in relation to the working power of the human machine and consideration given to the underlying principles in the selection of the best methods of exercise to employ. 3 hrs. 1 hr. Lab. Texts: Physiology of Exercise, Gould & Dye (Barnes), Bainbridge (Longmans Green), Schmidt & Sputh (Davis), McCurdy & McKenzie (Lee & Ferbiger) Schneider (Saunders).

History of Physical Education

The material of this course aims to show the history of physical education as a direct outcome of the conditions of the time and place, and the principles and practices of general education.

The study will start with the conditions and life activities of primitive man and proceed through the great Empires of China, Persia, India, Greece and Rome, to the conditions during the Dark Ages and the Renaissance. It will then trace the rise of the Nations of the World. A study will be made of conditions of the time, the contribution of the great educators, the resulting movements of physical education and their influence upon the present day.

3 hrs. Texts: Brief History of Physical Education, Rice, (Barnes); History of Education, Cubberley, (Houghton & Mifflin).

Principles of Physical Education 2

A continuation of Course 1, including a study of therapeutic gymnastics, corrective exercises and massage; the construction of a programme to meet the needs of those students whose health condition precludes participation in activity. Procedures in posture training.

Construction of curricula suitable for varying conditions and means by which their effectiveness may be determined.

3 hrs. 1 hr. Lab.

Physical Education Methods

The material for this course will include a study of the current methods in general education and their definite application to the teaching of physical education. Consideration of methods in the organization and administration of physical education.

Principles and methods of health teaching will be included and a study made of the health education programme. This consideration is a continuation of the course in Personal and Community Hygiene (Year 1) and involves a study of ways and means of teaching the health material to children of different ages, so that it will lead to better habits of living and become effective in life.

The laboratory work of this course will consist of actual teaching under supervision, so as to offer a pupil the opportunity to put into practice the methods studied in the course.

4 hrs. 2 hrs. Lab. Texts: Physical Education, Williams (Macmillan); Progressive Methods of Teaching, Stormzand, (Houghton & Mifflin); Princ. & Tech. of Teaching, Thomas (Houghton & Mifflin); Foundations of Method, Kilpatrick, (Macmillan); Health Education Report of Jt. Committee under Natl. Edn. Assn. and Am. Medical Assn. (Pub. by Natl. Edn. Assn., Washington, D.C.).

ACTIVITY COURSES—YEARS I and II

Theory and practice of games and athletics:

Year I: Games of low organization suitable for young children, badminton.

Year II: Advanced basketball, baseball, ice hockey, organization for mass activities.

During the fall outdoor season of each year, the work will include track and field, tennis, field hockey, archery, etc.

Theory and practice of dancing (for women):

Year I: Folk and Interpretative dancing, Theory of the dance.

Year II: National and Character, Interpretative, Theory of the dance.

Theory and practice of gymnastics:

Year I: The theory of body mechanics; fundamentals of Danish and rhythmical gymnastics; tumbling, self-testing activities; apparatus.

Year II: Advanced theory and practice in the subject matter of Year I.

Aquatics: Years I and II.

Students are expected to know how to swim with a fair degree of ability before entering the School. Special attention will be given to advanced work in swimming, diving, life saving and other aquatic events.

FOR THE GRADUATE HIGHER DIPLOMA

Selected requirements from subjects in the I and II years, in accordance with the needs of the student.

(a) Assigned study of special problems.
(b) Extended reading.
(c) Seminars.
(d) Thesis.

THEORY

A careful analysis will be made of work covered in the undergraduate years and the theoretical course will be arranged accordingly.

Students will be assigned to undergraduate courses in cases where it seems advisable, and in other instances will be assigned to independent work under different instructors.

A thesis must be presented at the end of the course, giving evidence of a thorough grasp of the work, and written in good literary style.

ACTIVITY COURSES

Students will be assigned to regular undergraduate courses when deemed necessary. Special opportunities will be provided in those activities for which students are specially qualified. Practice Teaching will take place in the University classes during the first term, and in the Public Schools during the second term.

SCHOOL FOR GRADUATE NURSES

COURSES, DIPLOMAS AND CERTIFICATES

Conditions governing registration for degrees for students in the School for Graduate Nurses are stated under Entrance Requirements.

The Courses offered in the School prepare qualified nurses to act as instructors, supervisors, assistants, or superintendents and directors in schools of nursing and hospitals, and in public health nursing. The curricula consist of advanced professional courses with academic courses in education and the underlying biological, physical and social sciences. These academic courses are available in the Faculty of Arts and Science and in the Department of Public Health and Preventive Medicine, Faculty of Medicine.

The University and Faculty Libraries as well as the professional library of the School are available to all students.

Facilities for the study of modern nursing and for observation and practice in teaching, in supervision and in administration of hospitals and schools of nursing are offered in the following hospitals connected with the University:—the Alexandra Hospital, the Children's Memorial Hospital, the Montreal General Hospital, the Royal Victoria Hospital, the Maternity Hospital of the Royal Victoria Hospital, the Shriners' Hospital for Crippled Children.

Ample opportunities for study and field work in all branches of community public health and social welfare are provided by the following:—The Child Welfare Association, the Family Welfare Association and other social agencies, the Mental Hygiene Institute, the Municipal Health Department, the Victorian Order of Nurses, maternity clinics, medical social service departments of hospitals, industrial clinics.

COURSES FOR DIPLOMAS AND CERTIFICATES

The following courses representing four fields of major interest in nursing and leading to certificates or diplomas are offered:—

I. Teaching in Schools of Nursing.

II. Supervision in Hospitals and Schools of Nursing.

III. Administration in Hospitals and Schools of Nursing. (Not given in 1934-35).

IV. Visiting Nursing and Health Teaching.

V. Administration and Supervision in Public Health Nursing. Prerequisite—Course IV.

ENTRANCE REQUIREMENTS

(1) PROFESSIONAL REQUIREMENTS

1. All applicants must present evidence of the satisfactory completion of the undergraduate professional course in nursing in a school of nursing of approved standards. Applicants must also be registered when coming from a state or province where registration is in force and must be eligible for membership in the state, provincial and national nursing organizations.

2. Applicants for the more advanced courses (Supervision and Administration) must present evidence of adequate experience and qualifications.

(2) ACADEMIC REQUIREMENTS

Applicants must present evidence of matriculation standing, with the following exception: *Mature* applicants who fail to meet the required matriculation standard but who present exceptional professional and personal qualifications may, at the discretion of the Director, be admitted as partial students or as candidates for a certificate or diploma in nursing in one of the major courses offered.

Matriculated students admitted to the School as candidates for a certificate or a graduate diploma in nursing may register as partial students in the Faculty of Arts and Science, the courses taken, with the approval of the Dean, being later credited, if desired, toward a Bachelor of Arts or Bachelor of Science degree.

(3) PHYSICAL REQUIREMENTS

These conform to the health standards required by the University. Applications must be accompanied by a certificate of medical examination and of successful vaccination within seven years, upon forms supplied by the School in accordance with provincial health regulations. In addition, students are required to report for the health examination conducted by the Department of Physical Education. (Students reporting for this examination after November 1st are required to pay a fine of $5.00, and any student who has failed to comply before the 8th of November, will be fined an additional $5.00.)

APPLICATION FOR ADMISSION

Candidates for admission to the School should make application on the prescribed forms which may be obtained from the Director, School for Graduate Nurses, McGill University.

REGISTRATION AND ATTENDANCE

1. REGISTRATION

Students in Public Health Nursing will register on September 5th for field work.

Other students will register on September 27th to 29th; up to noon on the 29th.

The opening lecture will be given on October 1st.

Students are required to consult the Director at the time of registration.

2. ATTENDANCE

The attendance regulations are those of the Faculty of Arts and Science and will be posted on the Notice Board at the beginning of the session. (See page 108.)

SCHOLARSHIPS, MEDALS, PRIZES AND EXAMINATIONS

SCHOLARSHIPS

1. **Alexandra Hospital.**

   The Board of Governors offers a scholarship for 1934-35 in the form of maintenance at the hospital during a year's study at the School for Graduate Nurses. Members of the hospital nursing staff are eligible.

2. **Association of Registered Nurses of the Province of Quebec.**

   A scholarship of $250.00 to a graduate of an approved school of nursing in the Province of Quebec for any course selected in the School for Graduate Nurses. (Not awarded in 1934-35.)

3. **Children's Memorial Hospital School of Nursing.**

   The Board of Governors offers a scholarship in the form of maintenance at the hospital during one year's study at the School for Graduate Nurses.

4. **Flora Madeline Shaw Memorial Fund.**

   A scholarship of $250.00 is offered in memory of Miss Flora Madeline Shaw to nurses wishing to take a course at the School for Graduate Nurses. Registered nurses who have matriculation standing are eligible.

5. **Montreal General Hospital School of Nursing.**

   1. The Mildred Hope Forbes Memorial Scholarship, established by Mrs. Norman Wilson in memory of the late Mildred Hope Forbes, a graduate of the Montreal General Hospital School for Nurses.

   2. The Alumnæ Association of the Montreal General Hospital School of Nursing offers a scholarship of $300.00 for the session 1934-35. Only members of the Alumnæ Association are eligible.

6. **Royal Victoria Hospital School of Nursing.**

   1. The Board of Management offers an annual scholarship for a year's study at the School for Graduate Nurses.

   2. The Alumnæ Association of the Royal Victoria Hospital School of Nursing offers the Dr. Garrow Scholarship for a year's study at the School for Graduate Nurses.

   3. A scholarship in the form of maintenance at the hospital during a year's study at the School for Graduate Nurses.

   4. Harry J. Crowe Scholarship of $600.00 to a graduate of the Royal Victoria Hospital for a course in nursing or dietetics in a Canadian university. (Not awarded 1934-35.)

7. Shriners' Hospital for Crippled Children.

The Board of Governors of the Montreal Unit offers a scholarship of $100.00 and maintenance at the hospital during a year's study at the School for Graduate Nurses.

8. Victorian Order of Nurses for Canada.

The Victorian Order of Nurses for Canada offers a limited number of scholarships of $400.00 each for a graduate course in Public Health Nursing at any Canadian University where this course is given. Upon successful completion of her course, the holder is expected to return to the service of the Victorian Order of Nurses for one year.

MEDALS AND PRIZES

The Lieutenant-Governor of the Province of Quebec offers annually for competition a silver medal to the student obtaining the highest standing in the course of Teaching in Schools of Nursing, and a bronze medal to the student obtaining the highest standing in the course in Public Health Nursing.

EXAMINATIONS

The pass mark in all examinations, in keeping with University regulations, is fifty per cent.

Results of examinations are recorded according to class, as follows: Class I, 75% to 100%; Class II, 60% to 74%; Class III, 50% to 59%.

In the case of students who do field work, satisfactory reports must also be received from the agencies with which their field work has been taken.

FEES AND DEPOSITS

Tuition Fees

1. For the regular certificated courses, per session..... $150.00
   By instalments; First Instalment..... 76.00
   Second Instalment..... 76.00
   For non-British students the fee per session is..... 200.00
   By instalments; First instalment..... 102.00
   Second Instalment..... 102.00

2. Registered students not proceeding to a Diploma or Certificate are classed as Partial Students and pay $14.00 per hour of instruction per week for a full course, but the maximum fee shall not exceed that charged for a regular certificated course. Non-British students will pay $10.00 per course extra.

   Partial Students taking courses in the Faculty of Arts and Science will pay the fees as outlined on page 104.

3. Fees for Laboratory Courses are calculated at the rate of $7.00 per hour of instruction per week for the academic year, but the maximum fee shall not exceed $35.00 for any one course nor $60.00 for any one student in the case of British students. For non-British students the maximum fee is $40.00 for any one course and $70.00 for any one student. This fee will cover laboratory materials, reagents and use of instruments and apparatus but it will not cover losses through waste, neglect or breakage. The charges under this head will be deducted from the student's caution money.

4. Fees are due and payable at the Bursar's Office between the hours of 9 a.m. and 1 p.m. on:—

   Friday, October 12th,

   or if desired they may be remitted by mail before the above date. The second instalment of tuition fees is due and payable on February 1st. An additional $2.00 is charged for payment after the specified dates.

Other Fees

5. A Sessional fee of $12.00 is payable by all regular students, for the support of student Organizations, for the rinks and tennis courts and for admission to all home games under the control of the Athletic Board.

6. Partial students pay $3.00 for athletics and athletic grounds. If they desire such of the privileges of Section 5 as are open to them, an additional $7.50 will be charged.

7. Every student is required to make a deposit of $5.00 as Caution Money to cover damage done to furniture, apparatus, books, etc. This amount, less deductions, is returned at the close of the Session.

Late registration after September 30th	$ 5.00
Late registration after October 7th	10.00
Fine for late Medical Examination (see page 100)	$5.00 or 10.00
Registration Fee. British students	5.00
Non-British	10.00
Health Service Fee	5.00
Supplemental examinations	10.00
Receipts for supplementals must be shown to the Director's Office before the examination.	
Conferring the Diploma in Absentia	10.00
Duplicate Graduation Diploma	10.00
Certified copy of student's record	1.00
Graduation Fee. British students	10.00
Non-British	15.00

8. Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of regulation 4.

9. Immediately after the prescribed dates for the payments of fees, a list of the registered students who have not paid their fees is sent to the Director of the School, who removes their names from the register of attendance. Such students cannot be readmitted to any class until instructions have been received from the Bursar that the fees have been paid.

10. All fees are payable in Canadian currency.

11. Domicile will in general determine whether a student pays the British or the Non-British fees. A student who is uncertain which rate she will be required to pay should consult the Registrar.

BOARD AND RESIDENCE

Accommodation is available in the Graduate Women's Residence, 3466 University Street. The charge for a single room is $170.00 for the session of eight months, and $150.00 per student in a double room. Payment may be made in two instalments, at the beginning of the first term and at the beginning of the second term. An additional charge of $5.00 is made in the case of instalments. No room is assigned for a shorter period than the University session.

It is necessary to make arrangements for the above accommodation in advance, and a deposit of $10.00 must be forwarded with the application. Applications should be forwarded to Miss E. S. Nicholson, Registrar's Office, McGill University.

Students in residence may arrange to have their meals at the Royal Victoria College, the undergraduate residence. The charge for meals for the session (not including vacations), is $320.00 for breakfast, lunch and dinner, and $220.00 for breakfast and dinner.

Accommodation in the above residence is limited to twenty students. Information about boarding and lodging houses may be had on arrival at the School. Every assistance is given to students in finding suitable rooms but it is necessary for the student to make arrangements in person.

EXPENSES

Approximate Cost of the Course:—Students who register in those courses requiring field work will take this extra time into consideration in estimating their expenses. Estimate of average expenses for the academic year (30-32 weeks) is as follows:

University fees	$161.00		
Books and laboratory fees	20.00	to	$ 40.00
Board and lodging	385.00	"	500.00
Incidentals	30.00	"	40.00
Average total	595.00	"	725.00

COURSES OFFERED

I. TEACHING IN SCHOOLS OF NURSING

Diploma—"Instructor in Schools of Nursing."
Adviser: Miss Lindeburgh.

This course prepares qualified nurses for positions as instructors in Schools of Nursing.

Diploma Course (two years):—The diploma is granted for the satisfactory completion of the Required Courses listed under First and Second Years, together with one or more Suggested Electives.

Certificate Course (one year) :—A certificate is granted for the satisfactory completion of the Required Courses listed below under the First Year. Students may be permitted to include one or more of the suggested electives with the approval of the Director.

FIRST YEAR (*Certificate*)	SECOND YEAR (*Diploma*)

(a) General Academic

Required:—	*Required*:—
9. Psychology I.	19. Sociology I.

Suggested Electives:—1. Economics I; 3. English I; 3A. English II; 4. French I; 5. History I; 7. History IV; 10. Psychology VI; 11. Psychology VII; 13. Public Speaking.

(b) Professional Courses in Education

Required:—	*Required*:—
25 (a) and (b). Education I.	24. Psychology IX.
	26. Education II.

Suggested Electives:—51. Philosophy I.

(c) Nursing Education—General

Required:—	*Required*:—
30. Health and Nursing Legislation.	34. Mental Hygiene.
37. (a). Preventive Medicine and Hygiene *or*	37. (a). Preventive Medicine and Hygiene *or*
38. (a). Public Health Nursing.	38. (a). Public Health Nursing.
47. History of Nursing.	

Suggested Electives:—37 (b). Preventive Medicine and Hygiene; 38 (b). Public Health Nursing.

(d) Nursing Education—Teaching in Schools of Nursing

Required:—

31A. Bacteriology *or*
17. Physiology I, *or*
15. Chemistry XVI.
50 (a), (b), (c). Teaching in Nursing Schools.

Required:—

31A. Bacteriology I *or*
17. Physiology I, *or*
48. Pharmacology and Therapeutics.
50A. Teaching in Nursing Schools.

Suggested Electives:—15A. Biochemistry; 33. Health Education; 45. Supervision in Nursing Schools.

II. SUPERVISION IN HOSPITALS AND SCHOOLS OF NURSING

Diploma—"Supervisor in Hospitals and Schools of Nursing."
Adviser: Miss Lindeburgh.

This course prepares qualified nurses for positions as clinical instructors, supervisors, and assistant superintendents, in schools of nursing. Previous experience as a head nurse or an equivalent executive or teaching experience is required.

Diploma Course (two years):—The diploma is granted for the satisfactory completion of the required courses listed under First and Second Years, together with one or more suggested electives.

Certificate Course (one year):—A certificate is granted for the satisfactory completion of the Required Courses listed below under the First Year. Students may be permitted to include one or more of the Suggested Electives with the approval of the Director.

FIRST YEAR (*Certificate*)	SECOND YEAR (*Diploma*)

(a) General Academic

Required:—

9. Psychology I, *or*
19. Sociology I.

Required:—

9. Psychology I, *or*
19. Sociology I.

Suggested Electives:—21. Sociology IV; 22. Sociology VII; 1. Economics 1; 3. English I; 3A. English II; 4. French I; 5. History I; 7. History IV; 10. Psychology VI; 11. Psychology VII; 13. Public Speaking.

(b) Professional Courses in Education

Required:—
25. (a) and (b). Education I.

Required:—
24. Psychology IX.
26. Education II.

Suggested Electives:—25 (b). Education I; 51. Philosophy I

(c) Nursing Education—General

Required:—
34. Mental Hygiene.
37. (a) Preventive Medicine and Hygiene *or*
38. (a) Public Health Nursing.
30. Health and Nursing Legislation.

Required:—
33. Health Education.
37. (a) Preventive Medicine and Hygiene *or*
38. (a). Public Health Nursing.
47. History of Nursing.

Suggested Electives:—32. Child Hygiene; 35. Nutrition; 37. (b) Preventive Medicine and Hygiene; 38. (b) Public Health Nursing.

(d) Nursing Education—Supervision in Nursing Schools

Required:—
45. Supervision in Nursing Schools.
50. (a) (b) and (c). Teaching in Nursing Schools.

Basic Sciences:
31A. Bacteriology I *or*
17. Physiology I *or*
15. Chemistry XVI.

Required:—

Basic Sciences:
31A. Bacteriology I *or*
17. Physiology I.
48. Pharmacology and Therapeutics.

*Specialized Supervision:
(One of the following)
Communicable Diseases.
Medicine.
Mental Hygiene.
Obstetrics.
Out-Patient Department.
Operating Room.
Pediatrics.
Surgery.

**Specialized Supervision:*—Advanced courses and six weeks' experience in one of the above departments with related courses selected from suggested electives.

III. ADMINISTRATION IN HOSPITALS AND SCHOOLS OF NURSING

(Not given in 1934-35)

Diploma—"Superintendent of Nursing and Director of School of Nursing."

This course prepares qualified candidates for positions as superintendents and directors in schools of nursing (see page 464).

Diploma Course:—The complete course outlined below, leading to the diploma, covers two academic years, together with the required field work, unless preceded by a year's study in either Course I or Course II outlined above.

Certificate Course (one year):—A certificate is granted for the satisfactory completion of the Required Courses listed below under the First Year. Students may be required to include one or more of the suggested electives, and must complete field work of from three to six weeks (depending upon previous experience) at the close of session.

FIRST YEAR (*Certificate*)	SECOND YEAR (*Diploma*)
(a) General Academic	
Required:—	*Required:*—
9. Psychology I.	3A. English II.
19. Sociology I.	5. History I.
	21. Sociology IV *or*
	22. Sociology VII.

Suggested Electives:—1. Economics I; 3. English I; 4. French I; 5. History I; 7. History IV; 10. Psychology VI; 11. Psychology VII; 13. Public Speaking.

(b) Professional Courses in Education	
Required:—	*Required:*—
25. (a). Education I.	24. Psychology IX.
	26. Education II.

Suggested Electives:—51. Philosophy I.

(c) Nursing Education—General

Required:—

30. Health and Nursing Legislation.
34. Mental Hygiene
37. (a) Preventive Medicine and Hygiene *or*
38. (a) Public Health Nursing.
47. History of Nursing.
50. (a) Teaching in Nursing Schools.

Required:—

33. Health Education.
37. (a) Preventive Medicine and Hygiene *or*
38. (a) Public Health Nursing.

Any two of the following:

14. Bacteriology I.
15. Chemistry XVI.
17. Physiology I.
48. Pharmacology and Therapeutics.

(d) Nursing Education—Administration

Required:—

27. Administration in Nursing Schools.
29. Hospital Economics and Administration.

Required:—

45. Supervision in Nursing Schools.
27A. Special Problems in Administration.

IV. VISITING NURSING AND HEALTH TEACHING

Diploma—"Visiting Nurse and Health Teacher."

Adviser: Miss Mathewson

Diploma Course (two years):—The complete course covers a period of two academic years together with required field work. The second year is devoted to more advanced study and special consideration is given to adjustment of the programme to meet a definite interest in any particular field.

Certificate Course (one year):—A certificate is granted for the satisfactory completion of the required first year courses together with the required field work. Students may be permitted to include one or more of the suggested electives with the approval of the Director.

The courses required for *all* students in the Second Year are indicated below. Additional courses and field experience are subject to individual arrangement.

FIRST YEAR (*Certificate*)	SECOND YEAR (*Diploma*)

(a) General Academic

Required:—	*Required:*—
9. Psychology I *or* 19. Sociology I.	Dependent upon field of specialization.

Suggested Electives:—1. Economics I; 3. English I; 3A. English II; 4. French I; 5. History I; 7. History IV; 10. Psychology VI; 11. Psychology VII; 13. Public Speaking.

(b) Professional Courses in Education

Required:—	*Required:*—
25. (a) Education I.	Dependent upon field of specialization.

Suggested Electives:—24. Psychology IX; 25. (b) Education I; 26. Education II.

(c) Nursing Education—General

	Required:—
	30. Health and Nursing Legislation.
	47. History of Nursing.

(d) Nursing Education—Public Health Nursing

Required:—	*Required:*—
31. Bacteriology in Public Health. 32. Child Hygiene. 33. Health Education. 34. Mental Hygiene. 35. Nutrition. 37 (a) and (b). Preventive Medicine and Hygiene. 38 (a) and (b). Public Health Nursing. 39. Social Case Work.	Specialization in one of the fields of Public Health Nursing with appropriate field work and related courses selected from suggested electives.

Suggested Electives:—1B. Social and Industrial Legislation; 15 Chemistry XVI; 17. Physiology; 34A. Mental Hygiene; 46. Administration and Supervision in Public Health Nursing.

PRACTICE WORK IN PUBLIC HEALTH NURSING

Ten weeks of practice in Public Health Nursing are arranged during September and in May and June following the examinations.

Students are not expected to repeat experience gained under satisfactory conditions. Adjustment of field work is made in each case.

Weekly conferences are held in connection with this work and written reports are required.

Practice work may be arranged with the following:

Child Welfare Association.

Family Welfare Association.

Industrial nurses.

Mental Hygiene Institute.

Montreal Department of Health, Division of Child Hygiene.

Outremont Public Health Department, School Nursing.

Social Service Department of the Hospitals.

Victorian Order of Nurses.

Plans are being made to secure rural practice work in one of the County Health Units near Montreal.

Students are reminded that it is only through the courtesy of the agencies that field work is available and are asked to comply wholeheartedly with both the letter and spirit of all regulations of the organizations.

When working with the Victorian Order of Nurses, the students are asked to wear a plain one or two-piece dress of washable material in gray or blue, with white collar and cuffs and a black Windsor tie. Plain dark hat and coat must also be provided.

V. ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

Diploma—"Supervisor in Public Health Nursing."

Adviser: Miss Mathewson

The course is offered in the Second Year only. The First Year of Course IV or its equivalent, and at least one year of satisfactory experience, are prerequisite.

The diploma is granted for the satisfactory completion of the required courses listed, together with two or more full courses from the suggested electives and the required field work.

(a) General Academic

Required:—

One of the following:	(*and*)	One of the following:
11. Psychology VII.		3A. English II.
21. Sociology IV.		5. History I.
22. Sociology VII.		7. History IV.

Suggested Electives:—2. Economics I; 3. English I; 4. French I; 10. Psychology VI; 13. Public Speaking; 51. Philosophy I.

(b) Professional Courses in Education

Required:—

24. Psychology IX.

Suggested Electives:—25 (b). Education I; 26. Education II.

(c) Nursing Education—General

Required:—

30. Health and Nursing Legislation.
47. History of Nursing.

Suggested Electives:—1B. Social and Industrial Legislation; 15. Chemistry XVI; 17. Physiology.

(d) Nursing Education—Supervision in Public Health Nursing

Required:—

44. Special Problems in Supervision.
46. Administration and Supervision in Public Health Nursing.

COURSES IN THE SCHOOL FOR GRADUATE NURSES

13. Public Speaking.

One hour, second term.....Mrs. Bragg.

27. Administration in Nursing Schools.

Three hours.....(Not given 1934-35).

27A. Special Problems in Administration.

Conferences, discussion and reports.
One hour.....(Not given 1934-35).

29. Hospital Economics and Administration.

Two hours, first term.....Dr. MacKenzie

30. Health and Nursing Legislation.

Two hours, second term.....Miss Upton and other Instructors.

31. Bacteriology in Public Health.

Two hours, first term.....Dr. R. St. J. Macdonald.

32. Child Hygiene.

Three hours, first term.....Miss Mathewson and Pædiatrician (to be appointed).

33. Health Education.

Two hours, second term.....Miss Mathewson and Miss Lindeburgh.

34. Mental Hygiene and Psychiatry.

Two hours, second term.....Dr. Mitchell.

34A. Mental Hygiene and Psychiatry.

Prerequisite 34.....Dr. Mitchell.

35. Nutrition and Health.

Two hours, second term.....Miss Hayward and Miss Chambers.

37. Preventive Medicine and Hygiene.

Three hours.....Dr. Fleming and other instructors.

38. Public Health Nursing.

Three hours.....Miss Mathewson.

39. Social Case Work.

Two hours, second term.....Miss King.

44. Special Problems in Supervision in P.H.N.

One hour.....Miss Mathewson and other Instructors.

45. Supervision in Nursing Schools.

Two hours, second term..Miss Lindeburgh and clinical Supervisors.

46. Administration and Supervision in Public Health Nursing.

Three hours.....Miss Mathewson.

47. History of Nursing.

One hour.....Dr. Abbott and Miss Mathewson.

50. Teaching in Nursing Schools.

Three hours.....Miss Lindeburgh and other Instructors.

COURSES IN THE FACULTY OF ARTS AND SCIENCE

1. **Elements of Political Economy (Economics 1).** Second Year.
Mon., Wed., Fri., at 11.....Professor Culliton.

2. **Social and Industrial Legislation (Economics 13).**
First term; Mon., Wed., Fri., at 2.....Mr. Forsey.

3. **English Composition (English 1).**

Sat., at 12.....Professor Noad, Miss Mackenzie, Mr. George and Assistants. Section and weekly conference hours to be arranged.

3A. **English Literature (English 2).**

General Course from Anglo-Saxon times to the present day.
Tu., Th., and, at the pleasure of the instructor, Sat. at 12.
Professor Macmillan and Assistants.
Mr. McBain will have the general direction of the tutorial conferences.

4. **French Language (French 1).** First Year.

Section A, Mon., Wed., Fri., at 9; Section B, Mon., Wed., Fri., at 11.
Professors Villard, Lemaitre, Furness, d'Hauteserve and Mlle Henry.

5. **General History of Europe, from the Break-up of the Roman Empire to 1914 (History 1A).** First Year.

Tu., Th., Sat., at 11.....Professor Whitelaw.

6. **General History of North and South America (History 2).** Second Year.

Mon., Wed., Fri., at 9.....Professor Adair.

7. **History of Canada (History 4).** Third Year.

Tu., Th., Sat., at 9.....Professor Whitelaw.

8. **History of Europe, 1789-1914 (History 6).** Fourth Year.

Mon., Wed., Fri., at 12.....Professor Fryer.

9. **Introduction to Psychology (Psychology 1).** Second Year.

Mon., Wed., at 10, and one laboratory period to be arranged.
Professor Tait, Dr. Morton and Mr. Webster.

10. Child Psychology (Psychology 6). Third and Fourth Years.

Second term; Tu., Th., Sat., at 10.....Professor Tait.
(Given in 1935-36)

11. Human Motivation (Psychology 7). Third and Fourth Years.

Tu., Th., Sat., at 10..... Professor Tait.

12. Industrial Psychology (Psychology 10). Third and Fourth Years.

Tu., Th., Sat., at 11.....Professor Tait.

15. Elementary Chemistry (Chemistry 16).
Tues., Thurs. at 9.

Two hours lectures, three hours laboratory....Professor Hatcher.

15A. Biochemistry—(Biochemistry 1).

(a) Lectures: Monday, Wednesday, Friday at 9.

(b) Laboratory: Two 3-hour periods weekly, selected from Monday and Friday mornings, Tuesday and Thursday afternoons.

17. Physiology, Introductory Course (Physiology 1).
Mon., Wed., Fri. at 9.

18. General Zoology (Zoology 1).

Mon., Fri., at 11.
Laboratory, Wed., 2-5..... Professor Fantham

19. Introduction to the Study of Society (Sociology 1). Second Year.

(a) Tu., Th., Sat., at 12.....Professors Dawson and Hughes.
(b) Tu., Th., Sat., at 11.....Professors Dawson and Hughes.

20. The Community (Sociology 2). Third and Fourth Years.

(Given in 1935-36).....Professor Dawson.

21. Social Disorganization (Sociology 4). Third and Fourth Years.

(Given in 1935-36).....Professor Hughes.

22. The Family (Sociology 7). Third and Fourth Years.

Second Term: Tu., Th., Sat., at 9.....Professor Dawson.

23. The Sociology of the Child (Sociology 9). Third and Fourth Years.

(Given in 1935-36).....Professor Hughes.

24. Educational Psychology (Psychology 9). Third and Fourth Years.

Prerequisites:—Psychology 2 or 3, or Education 1, taken previously or concurrently.

Tu., Th., Sat., at 11.....Professor Kellogg.

25. General Principles of Education (Education 1). Third Year.

Tu., Th., Fri., at 4.....

26. Method and School Organization (Education 2). Fourth Year.

Mon., Wed., 4 to 5.30.....

31A. Bacteriology 1.

30 lectures and 60 hours' practice work and a weekly tutorial class. February to April.....Professor Murray and Assistants.

51. Introduction to Philosophy (Philosophy 1).

Tu., Th., Sat., at 10....Professors MacKay, Hendel and Maclennan.

MACDONALD COLLEGE

FOUNDATION AND PURPOSE

Macdonald College, which is incorporated with McGill University, was founded, erected, equipped, and endowed by the late Sir William C. Macdonald.

SITUATION AND EXTENT

The College occupies a beautiful site, overlooking the Ottawa River at Ste. Anne de Bellevue, Que., twenty-five miles west of Montreal.

The College property comprises 786 acres, and has been arranged into four main areas, viz.: (1) the campus, with lawn and recreation fields for students of both sexes; (2) the experimental grounds, with plots for illustration and research in grains, grasses, and other farm crops; (3) the horticulture and poultry departments; and (4) the stock farm.

GENERAL ORGANIZATION

The College is divided into three schools:—

(1) **The School of Agriculture,**
(2) **The School for Teachers,**
(3) **The School of Household Science.**

ENTRANCE REQUIREMENTS

School of Agriculture.

Junior Matriculation. For details see page 75.

School for Teachers.

Teachers to be trained for the schools under the control of the Protestant Committee of the Council of Education for the Province of Quebec are admitted under conditions prescribed by that body, particulars concerning which are given in detail in the Announcement of Macdonald College.

School of Household Science.

All candidates for admission:—

1. (a) To the homemaker course, must have entered their eighteenth year and completed grade VII of the Province of Quebec, or its equivalent.

   (b) To the institution administration course, should have entered their twenty-first year and must have passed the McGill Junior Matriculation Examination for entrance to the Science Division of The Faculty of Arts and Science (see page 78), or an equivalent examination. (See page 76.)

(c) To the four-year degree course must have passed the Junior Matriculation (Science Division), or an equivalent examination.

(d) To the short courses must have entered their eighteenth year and have a good general education.

2. Must produce satisfactory evidence as to moral character; also medical certificate of health, including successful vaccination within the six years preceding date of entrance.

THE DEGREE OF BACHELOR OF SCIENCE IN AGRICULTURE

B.Sc. (Agr.)

A four-year Course in the Faculty of Agriculture. For particulars see the Macdonald College Announcement. For brief description see page 72.

DEGREE IN HOUSEHOLD SCIENCE

The full course for this degree is given at Macdonald College, but the First Year may be taken elsewhere. Full particulars are given in the Macdonald College Announcement. For brief description, see page 73.

HIGHER DEGREES

Post-graduate work may be taken at Macdonald College. The degrees offered are M.Sc. and Ph.D.

See under Graduate Studies pages 389, 391.

PROVINCIAL GOVERNMENT GRANTS TO STUDENTS FROM THE PROVINCE OF QUEBEC

(1) *School of Agriculture*

The Department of Agriculture of the Province of Quebec grants to each student who belongs to the Province of Quebec $9.00 per month of attendance employed in studying according to the time-table in the School of Agriculture, Macdonald College. This amount is placed to the credit of such students by the College Bursar and is deducted from his account for board and lodging.

(2) *School of Household Science*

The Provincial Government grants bursaries of $20.00 to $50.00 each to Quebec students from the farming community in the Homemakers and Institution Administration Courses of the School of Household Science.

COLLEGE ANNOUNCEMENT

Full details as to the courses, etc., will be found in the Announcement of Macdonald College, which will be sent on application to the Registrar, Macdonald College, Que.

DEPARTMENT OF PHYSICAL EDUCATION

Men Students

The requirements for men students are given on page 167.

Women Students

The requirements for women students are given on page 169.

Health Service

Details of the University's Health Service are given on page 100.

Medals and Prizes

I. For Men

The Wicksteed silver and bronze medals for physical education (the gift of the late Dr. R. J. Wicksteed) are offered for competition to students of the graduating class and to students who have had instruction in the gymnasium for two sessions; the silver medal to the former, the bronze medal to the latter. The award of these medals is made by judges appointed by the Corporation of the University. Every competitor for the silver medal is required to lodge with the judges, before the examination, a certificate of good standing in the graduating class, signed by the Dean of the Faculty to which he belongs, and the medal is not awarded to any student who fails in his examination for the degree.

Further information concerning the regulations and the work of the Department may be obtained from the Director, Dr. A. S. Lamb, 3484 University St.

II. For Women

Strathcona Prizes.—The Department of Physical Education in conjunction with the M.W.S.A.A., offers a prize for competition in each of the four years of the Faculty of Arts and Science. Details of the competition are announced at the beginning of each session.

MILITARY TRAINING

Canadian Officers' Training Corps

Honorary Colonel:— ————————————————

Officer in Command:—Lieut-Colonel E. B. Q. Buchanan, B.C.L.

The McGill University contingent of the Canadian Officers' Training Corps was organized two years before the Great War, and is a unit of the Active Militia, being governed by special regulations, under which it cannot be called out for active service as a unit.

Members are prepared for two certificates, A and B. To obtain a Certificate A (Lieutenant's) a member must complete one year's efficient service in the corps, and in the case of Certificate B (Captain's) two years' efficient service, and pass the practical and written examinations, which are held under the auspices of the Imperial and Dominion Governments conjointly. The written papers are set and corrected by military experts in England.

To be efficient in a given year (1st August to 1st July), a member must have attended forty parades if in his first year of service, or twenty-five parades if in a subsequent year, and must have completed his prescribed course of musketry. The time required is about two hours per week each session. Rifle practice is encouraged.

THE UNIVERSITY LIBRARY

G. R. Lomer, M.A., Ph.D., University Librarian

The University Library is under the general management of a Committee of Corporation, with the Principal as Chairman and the Librarian as Secretary.

The several libraries of the University now contain over 450,000 volumes and 45,000 pamphlets, considerable collections of maps and photographs, and a number of the rarer and more costly monographs and serials which are indispensable for purposes of research. The Library now receives over 1,350 periodicals, Government publications and transactions of various literary and scientific societies.

Among the special collections possessed by the library may be mentioned the Mendelssohn Choir Memorial Collection of works on Music, the T. D. King Collection of Shakesperiana, the Redpath Historical Collection, and the Collection of Canadiana.

The Blackader Library of Architecture has been established in honour of Captain Gordon Home Blackader, B.Arch. (McGill.) The Emma Shearer Wood Library of Ornithology was presented by Colonel Casey A. Wood, M.D., LL.D., as a special research collection and reference library. The Blacker Library of Zoology, presented by Robert Roe Blacker and Nellie Canfield Blacker, is a comprehensive reference library on this special subject. In addition to standard works, it includes a number of monographs and an extensive collection of reports of scientific voyages and periodicals. It is supplemented by the Lyman Collection of books on Entomology. The Faculties of Medicine (including the Bibliotheca Osleriana), Law and the Royal Victoria College, maintain libraries in their respective buildings; and there are Departmental Libraries in Engineering, Chemistry, Physics and Botany.

The Travelling Libraries of McGill University contain, each, from thirty to forty carefully selected volumes and are sent, on application, and on payment of a nominal fee of $4.00, to schools, to country libraries, to reading clubs, and to small communities which possess no public library. Pictures, lantern slides and lectures are also supplied by this department. Provision has also been made to supply books by mail to graduates of the affiliated theological colleges and to ministers who have not the advantage of local libraries.

With the Library are affiliated the McGill College Book Club and the University Book Club, which supply their members with standard, important and recent publications and make a substantial annual contribution of books to the Library.

The Library maintains a museum, open to the public, with a permanent exhibition illustrating the development of the Book Arts, and numerous temporary exhibits are shown in the Gallery of the Reading Room.

McGILL UNIVERSITY MUSEUMS

The McCord National Museum

Situated at the corner of Sherbrooke and McTavish Streets. The collection is a gift of the late David Ross McCord. The range of the collection is extensive, comprising documents, letters and objects of historic interest relating to Canada, from the earliest settlement of the white man. There is a comprehensive collection of Indian material illustrating the customs and habits of the various Indian and Eskimo Tribes from the Atlantic to the Pacific Ocean. Open to the public.

The Library Museum

Situated in the Redpath Library building, 3459 McTavish Street. A permanent exhibit illustrating the history of the book, book binding and manuscripts with a gallery for special exhibits of local or timely interest. Open to the public.

The Peter Redpath Museum

Overlooking the campus, contains the Sir William Logan Memorial Collection of large casts of extinct mammals with the geological, paleontological and mineralogical collections on the first floor, arranged in such a way that they can be used for University classes and be of interest to the public. In the gallery are the zoological and the Phillip Carpenter shell collections. Open to the public.

The Ethnological Museum

Situated on the ground floor of the Medical Building. The arrangement is geographical, starting with the Greenland Eskimo, North American Eskimo, Pacific Coast, McKenzie River Delta, Plains and Eastern Woodland Indians. The pottery areas of the Middle and South-West States, Mexico, New Mexico, and South America. Egypt is represented by the Garstang Loan Collection, the property of the United Theological College. African culture is illustrated by the Todd Loan Collection, and the South Sea Islands, by material from the Montreal Natural History Society. Open to the public.

The Architectural Museum, in the Engineering Building.

The Anatomical Museum, on the top floor of the Medical Building.

The Medical Museum and the History of Medicine, on the second floor of the Medical Building.

The Museum of Hygiene, on the top floor of the Medical Building.

The Museum of Economic Geology, in the Mining and Chemistry Building.

The Botanical Collection, in the Biological Building.

The Biological Museum, Macdonald College, Que.

ACADEMIC DRESS

Undergraduates wear a plain black stuff gown, not longer than half way between the knee and the ankle, with round sleeves cut above elbow.

Bachelor of Arts.—Black stuff gown, falling down below knee with full sleeve cut to elbow and terminating in a point (similar to that of the Cambridge B.A.); hood, black silk, lined with pale blue silk and edged with white fur.

Bachelor of Science.—The same gown as Bachelors of Arts; hood, black silk, lined with yellow silk and edged with white fur.

Bachelor of Science in Agriculture.—The same gown as Bachelors of Arts; hood, black silk, lined with dark green silk and edged with white fur.

Bachelor of Civil Law.—The same gown as Bachelors of Arts; hood, black silk, lined with French grey silk and edged with white fur.

Bachelor of Engineering.—The same gown as Bachelors of Arts; hood, black silk, lined with scarlet silk and edged with white fur.

Bachelor of Architecture.—The same gown as Bachelors of Arts; hood, black silk, lined with white silk and edged with white fur.

Bachelor of Music.—The same gown as Bachelors of Arts; hood, black silk, lined with pale mauve silk and edged with white fur.

Bachelor of Commerce.—The same gown as Bachelors of Arts; hood, black silk, lined with purple silk and edged with white fur.

Bachelor of Household Science.—The same gown as Bachelors of Arts; hood, black silk, lined with jade green silk, and edged with white fur.

Bachelor of Library Science.—The same gown as Bachelors of Arts; hood, black silk, lined with orange silk, and edged with white fur.

Master of Arts.—Black gown of stuff or silk, falling below knee, with long sleeves with semi-circular cut at the bottom (similar to that of the Cambridge M.A.); hood, black silk, lined with pale blue silk.

Master of Science.—The same gown as Masters of Arts; hood, black silk, lined with yellow silk.

Master of Commerce.—The same gown as Masters of Arts; hood, black silk, lined with purple silk.

Master of Engineering.—The same gown as Masters of Arts; hood, black silk, lined with scarlet silk.

Master of Civil Law.—The same gown as Masters of Arts; hood, black silk, lined with French grey silk.

Doctor of Medicine.—The same gown as Masters of Arts; hood, scarlet cloth, lined with dark blue silk.

Doctor of Dental Surgery.—The same gown as Masters of Arts; hood, scarlet cloth, lined with pink silk.

Doctor of Laws.—The same gown as Masters of Arts; hood, scarlet cloth, lined with white silk.

Doctor of Literature.—The same gown as Masters of Arts; hood, scarlet cloth, lined with pale blue silk.

Doctor of Science.—The same gown as Masters of Arts; hood, scarlet cloth, lined with yellow silk.

Doctor of Civil Law.—The same gown as Masters of Arts; hood, scarlet cloth, lined with French grey silk.

Doctor of Music.—The same gown as Masters of Arts; hood, scarlet cloth, lined with mauve silk.

Doctor of Philosophy.—The same gown as Masters of Arts; hood, scarlet cloth, lined with pale green silk.

Doctors of Laws, Doctors of Civil Law, Doctors of Literature, Doctors of Science, Doctors of Philosophy and Doctors of Music are entitled to wear for full dress a robe of scarlet cloth (similar in pattern to that of the Cambridge LL.D.), faced with silk of the same colour as the lining of their respective hoods.

All hoods are in pattern similar to that of the Masters of Arts of Cambridge University.

Undergraduates and graduates wear the ordinary black trencher with black tassel, but Doctors of Law, Doctors of Civil Law, Doctors of Literature, Doctors of Science, Doctors of Philosophy and Doctors of Music wear for full dress a black velvet hat with gold cord, similar to that worn by Doctors of Laws of Cambridge University.

Samples of the colours of the linings of all hoods are kept for inspection in the office of the Registrar.

Graduates in Great Britain may purchase these gowns and hoods from Messrs. Ede, Son & Ravencroft, 93 and 94 Chancery Lane, London, W.C. 2.

McGILL UNIVERSITY

DIRECTORY OF STUDENTS

SESSION 1933-34

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Abbott, Florence M.	Com. 1	Royal Victoria College, Montreal 181 Patterson Ave., Ottawa.	MA 9176
Aber, Samuel	B.A. 3	449 Grosvenor Ave., Westmount	EL 8968
Abramovitch, Bennie	B.Sc.1.	231-8th Ave., Lachine	
Abramowitz, Maurice	B.Sc. 4	4516 Esplanade Ave., Montreal	PL 1473
Abrams, Hyman D.	Com. 1	4406 Oxford Ave., Montreal	EL 4333
Abrams, William	B.A. 4	4406 Oxford Ave., Montreal	EL 4333
Abramson, Arthur S.	Med. 2	5991 St. Urbain St., Montreal	CR 8777
Adams, Edna E.	B.A. 1	66 Sunnyside Ave., Westmount	WE 6388
Adams, James R.	B.Sc. 2	19 Fenwick Ave., Montreal West	WA 2943
Adams, N. Selwyn	B.A. 2	743A Champagneur St., Montreal	DO 4008
Aikman, Edward P.	Grad. Sch.	340 St. Catherine Rd., Outremont	AT 1461
Aikman, Mary E.	B.A. 4	340 St. Catherine Rd., Outremont	AT 1461
Aimi, Dante	Dent. 2	Strathcona Hall, Montreal 152 Washington Ave., Hamden, Conn.	PL 1156
Airey, Edmund W.	Eng. 1	4223 Dorchester St. W., Montreal 1535 Prospect Place, Victoria, B.C.	WE 4406
Aitken, John A.	Grad. Sch.	4598 Marcil Ave., Montreal 110 Walnut St., Winnipeg, Man.	DE 4792
Aitken, Sydney G.	B.A. 2	838 McEachran Ave., Montreal	AT 4374
Albert, Bertha	Com. 1	257 De L'Epee Ave., Montreal	AT 4278
Albert, Bessie	Music	257 De L'Epee Ave., Montreal	AT 4278
Albert, Samuel	B.A. 2	767 Davaar Ave., Montreal	AT 3939
Albert, Saul	B.A. 3	947 Dunlop Ave., Montreal	AT 2864
Alexander, Hugh J.	Med. 4	3551 Lorne Ave., Montreal 3871 Pandora St., Vancouver, B.C.	MA 9846
Alexander, James M.	Med. 5	640 Prince Arthur St. W., Montreal Derita, North Carolina	MA 9531
Alexander, John A.	Eng. 1	209 Strathearn Ave., Montreal West	WA 1242
Alexander, John D. F.	Med. 5	3660 Lorne Crescent, Apt. 5, Montreal Huntingdon, Quebec	LA 0636
Alexander, Kenneth E.	B.Sc. 1	137 Ballantyne Ave. S., Montreal West	WA 2914
Alexopoulos, George A.	B.A. 1	142 Milton St., Montreal	
Alford, Harold W.	Grad. Sch.	3442 Durocher St., Montreal 235 O'Connor St., Ottawa, Ontario	MA 7866
Allen, Gertrude E.	B.A. 3	585 Fortune St., Montreal	WI 7454
Allen, Lorna W.	B.A. 2	3447 Beaconsfield Ave., Montreal	EL 1592
Allen, W. A. Ralph	B.Sc. 3	4707 Westmount Blvd., Westmount	WE 3972
Allison, John B.	Eng. 1	701B Bloomfield Ave., Outremont	DO 7859
Allyn, Nancy C.	Arts P	43 Brock Ave., N., Montreal West	WA 0681
Amaron, Douglas G.	B.A. 2	3807 Melrose Ave., Montreal Stanstead, Quebec	WA 4111
Andersen, Peter B.	B.A. 3	Strathcona Hall, Montreal Standard, Alta.	PL 1156
Anderson, A. Allan	B.Sc. 1	4065 Cote des Neiges Road, Montreal	FI 1228
Anderson, Catherine L.	Grad. Nurse 1	575 Roslyn Ave., Westmount	DE 1390
Anderson, David R.	B.A. 4	676 Bloomfield Ave., Outremont	AT 2178
Anderson, Earle H.	Med. 1	514 Pine Ave., W., Montreal Digby, N.S.	MA 8998
Anderson, Gordon L.	Med. 5	414 Roslyn Ave., Westmount	DE 5232
Anderson, John F.	Med. 1	514 Pine Ave., W., Montreal Crescent Rd., Concord, Mass.	MA 8998
Anderson, Reginald M.	Med. 3	2461 Mariette Ave., Montreal	WA 3045W
Anderson, Walter F.	Med. 4	539 Pine Ave., W., Montreal Pictou, Nova Scotia	MA 7818
Andrew, Russell H.	Med. 4	3469 Hutchison St., Montreal 67 East Orvis St., Massena, N.Y.	LA 9441
Andrews, Clifford	B.A. 2	3473 University St., Montreal 35 Hoyle Mill Road, Stairfoot, Barnsley, Yorks, England	MA 4902

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Angel, John B.	Eng. 3	460 Prince Arthur St., Montreal	MA 2663
		St. Johns, Newfoundland	
Anglin, James P.	Law 1	682 Roslyn Ave., Westmount	EL 2144
Angus, Alexander D.	B.A. 3	3450 Drummond St., Montreal	PL 1693
Angus, Donald M.	Dent. 1	63 Thornhill Ave., Westmount	WE 5092
Angus, Edith F.	Arts P.	465 Mount Stephen Ave., Westmount	WE 1391
Angus, John R. J.	B.A. 1	3637 University St., Montreal	MA 1824
		1617 Rockland Ave., Victoria, B.C.	
Appel, Abraham	Com. 3	5154 St. Urbain St., Montreal	CR 8831
Appelton, Marion G.	Com. 3	4518 Marcil Ave., Montreal	EL 5569
Arcand, Louis	Arch. 1	7074 DeNormanville St., Montreal	CR 7836
Archibald, Amy	Music	168 St. Joseph St., Dorval	Lch 571
Archibald, Arthur J.	B.Sc. 1	776 Beatty Ave., Verdun, Que.	YO 7537W
Archibald, John S.	Med. 4	3612 Oxenden Ave., Montreal	HA 1662
		Kamloops, B.C.	
Archibald, Walter S.	B.A. 2	3612 Oxenden Ave., Montreal	HA 1662
		379 Battle St., Kamloops, B.C.	
Arfin, Rose	Arts P.	5257 Clarke St., Montreal	LA 3728
Argue, George H.	Grad. Sch.	2019 Stanley, Apt. 12, Montreal	
		9927-83 Ave., Edmonton, Alta.	
Argue, John D.	Com. 2	3434 McTavish St., Montreal	PL 6773
		590 Lisgar St., Ottawa	
Argue, John F.	Med. 2	3434 McTavish St., Montreal	PL 6773
		116 Nepean, Ottawa	
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Armstrong, Evelyn R.	Grad. Nurse	3466 University St., Montreal	MA 2608
		North Sydney, Nova Scotia	
Armstrong, John L.	Eng. 2	74 Courcellette Ave., Outremont	AT 5098
Aronovitch, Dorothy	Com. 1	285 De L'Epee Ave., Outremont	AT 4815
Aronovitch, Michael	Med. 4	5330 St. Urbain St., Montreal	CR 5306
Arsenault, Joseph C.	Arch. 1	11 Oldfield Ave., Apt. 2, Montreal	WI 2435
		78 School St., Charlottetown, P.E.I.	
Arthur, Isabelle E.	Lib. Sch.	3466 University St., Montreal	MA 2608
		846-14th Ave., W. Vancouver, B.C.	
Arthurs, Alfred D. G.	Arts P.	3578 Shuter St., Montreal	LA 8402
		262 Union St., Saint John, N.B.	
Arti, Hector L.	Eng. 2	4373 Garnier St., Montreal	FA 1659
Asbury, W. Nowers	Eng. 2	4207 Dorchester St. W., Westmount	WE 5903
Ashkanase, Bernice R.	B.A. 2	755 Dunlop Ave., Outremont	AT 2343
Ashkanase, Munro, E.	B.Sc. 1	755 Dunlop Ave., Outremont	AT 2343
Ashkenazy, Moses	B.Sc. 3	4451 Clarke St., Montreal	HA 2866
Askwith, Winston M.	Eng. 3	3454 Peel St., Montreal	PL 1674
		222 Powell Ave., Ottawa	
Aspler, Charles	Arch 1	4055 Esplanade Ave., Montreal	HA 3979
Astbury, John S.	Grad. Sch.	303 Querbes Ave., Montreal	AT 0699
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		Hamilton, Bermuda	
Atkinson, Anson R.	Med. 4	495 Prince Arthur, Montreal	LA 4050
		Embro, Ont.	
Atkinson, Audrey L.	B.A. 2	111 Broughton Ave., Montreal West	WA 1519
Atkinson, Hammond J.	Grad. Sch.	Macdonald College, Quebec	Ste. A. 166
		Newcastle, N.B.	
Atto, Clayton H.	Grad. Sch.	274 Trenton Ave., Montreal	AT 2797
Audet, Jean-Paul	Arch. 3	3609 Park Ave., Montreal	HA 8826
		205 Quebec St., Sherbrooke	
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		2830 Retallack St., Regina, Sask.	
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		Granby, Conn.	
Babb, Warren D.	Med. 3	3581 Hutchison St., Montreal	HA 5807
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Bagnall, William S.	Med. 1	3547 University St., Montreal	LA 4955
		560-6th St., Richmond, Calif.	
Bailey, M. Grace	B.A. 2	301 Ballantyne Ave., Montreal West	WA 1409
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Bains, Dorothy T.	B.A. 3	Royal Victoria College, Montreal	MA 9176
		Hawk Lake, Ontario	

Where two addresses are given, the second is the home address

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		2658-34th Ave., W. Vancouver, B.C.	
Baker, Kenneth G. K.	Law 1	3727 Oratoire Ave., Montreal	EL 1456
Baker, Ruth D.	B.A. 3	516 Victoria Ave., Westmount	EL 9683
Baker, Muriel F.	B.A. 2	528 Grosvenor Ave., Westmount	DE 4189
Baker, William G.	Eng. 1	5834 Jeanne Mance St., Montreal	CR 6887
Ball, William L.	Grad. Sch.	627 Carleton Ave., Westmount	WE 2053
Ballon, Lillian	Arts P.	1471 Crescent St., Montreal	MA 5578
Band, Samuel	Eng. 4	361 Victoria Ave., Westmount	DE 2219
Bann, Joan W.	B.A. 1	346 Lansdowne Ave., Westmount	DE 2910
Banning, Stanley S.	Med. 2	900 Sherbrooke St. W., Montreal	LA 7949
		239 Gates Ave., Brooklyn, N. Y.	
Barbour, Charles M.	Med. 1	2057 McGill College Ave., Apt. 8, Montreal	LA 2008
		Newport, Maine	
Barbour, Deborah M.	B.A. 3	Royal Victoria College, Montreal	MA 9176
		122 Carmarthen St., Saint John, N.B.	
Barker, Barbara E. W.	B.Sc. 1	3440 Walkley Ave., Montreal	WA 0899
Barnard, Albert T.	B.A. 1	147 17th Ave., Pointe Aux Trembles	CH 5423
Barnard, James E.	B.Sc. 1	614 Brault Ave., Verdun	
Barnes, Charles W. B.	Com. 1	444 Elm Ave., Westmount	FI 7337
Barnett, Elizabeth S.	Grad. Sch.	3828 St. Hubert St., Montreal	LA 6851
		2244 Angus St., Regina, Sask.	
Baron, Edgar Allan	Med. 4	5255 Cote St. Luc Rd., Montreal	EL 8982
Barry, Arthur W.	Eng. 3	4215 Dorchester St. W., Montreal	WE 5084
Barry, Oswald	Eng. 3	1545 MacKay St., Montreal	PL 7876
Bartlett, Harold	Eng. 1	5450 Snowdon Ave., Montreal	DE 6135
Bartlett, Leonard S.	Med. 5	3443 Durocher St., Montreal	MA 1719
		Cottam, Ontario	
Bartolino, Angelo	B.A. 1	6812 Marquette St., Montreal	DO 5776
Barton, Donald G.	Med. 4	3583 Hutchison St., Montreal	HA 9524
		Durham, N.H.	
Barza, Jack	Eng. 3	4803 St. Urbain St., Montreal	HA 8457
Basha, Joseph E.	Eng. 3	3514 Park Ave., Montreal	PL 2059
		Curling, Newfoundland	
Bates, Arthur T.	B.Sc. 1	5585 Cote St. Luc Rd., Montreal	EL 0742
Bates, Clarence Lisle	Med. 5	414 Roslyn Ave., Westmount	DE 5232
		Box 103 Waterdown, Ont.	
Batshaw, Frances G.	Arts P.	5829 Hutchison St., Montreal	CR 6452
Battle, Charles E.	Med. 3	640 Prince Arthur, Montreal	MA 9531
		1974 Comox St., Vancouver, B.C.	
Battye, Margaret	B.A. 1	5961 Terrebonne St., Montreal	EL 2896
Baugh, Mary K.	B.A. 3	550 Milton St., Montreal	LA 3712
		Valleyfield, Quebec	
Baxt, Lawrence M.	Grad. Sch.	3559 University St., Montreal	MA 2693
		320 Waverley St., Ottawa	
Baxter, Eileen I.	B.A. 1	4015 Hampton Ave., Montreal	DE 7514
Baxter, Hamilton	Med. 3	3506 University St., Montreal	MA 1076
Baxter, Patience E.	B.A. 1	4015 Hampton Ave., Montreal	DE 7514
Baxter, Robert G.	Med. 1	188 St. Denis Ave., St. Lambert	St.L. 935
Bazar, Philip S.	Med. 3	5356 Brodeur Ave., Montreal	DE 0153
Bazin, Cynthia H.	B.A. 4	4064 Dorchester St., Westmount	FI 9524
Beard, Marshall R.	Med. 1	3681 Hutchison St., Apt. 8, Montreal	
		3664 Lincoln Ave., Sacramento, California	
Beath, Laurence R.	Eng. 3	1468 Bishop St., Montreal	LA 3656
		1545 Albert St., Regina, Sask.	
Beatts, Patrick M. T.	B.A. 4	536 Mt. Pleasant Ave., Westmount	WE 3954
		24 Longton Ave., Sydenham, London, S.E. England	
Beaubien, Jacques	B.Sc. 2	462 St. Catherine Road, Montreal	AT 0038
Becket, R. Wilson	Law 3	1633 Selkirk Ave., Montreal	FI 1570
Beckow, Lillian S.	Com. 3	1341 Lajoie Ave., Outremont	AT 6575
Beddoes, Richard D.	B.A. 2	3406 Hutchison St., Montreal	LA 7991
		Cedars, Quebec	
Bedoukian, Paul Z.	Eng. 2	2066 Tupper St., Montreal	LA 2525
Beecher, Gilbert	Med. 2	3421 Durocher St., Montreal	
		Woodruff Ave., Watertown, Conn.	
Béique, Henri F.	Eng. 2	3488 Cote des Neiges Road	WI 4080
Béique, Pierre	Eng. 1	615 Dunlop Ave., Outremont	AT 0657
Bélanger, Laurent E.	Law 3	1527 Crescent St., Montreal	PL 5381
Belbin, Herbert S.	B.A. 3	3506 University St., Montreal	MA 2055
		Bay Roberts, Nfld.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Belisle, Marguerite M.	B.A. 3	546 Milton St., Montreal	
		St. Bruno, Quebec	
Bell, Adam C.	Grad. Sch	1469 Drummond St., Apt. 91, Montreal	MA 1528
		New Glasgow, Nova Scotia	
Bell, D. William J.	Med. 3	3484 Shuter St., Apt. 7, Montreal	MA 4098
		41 Cyr St., Providence, R.I.	
Bell, Ethel M.	B.Sc. 3	1585A Ducharme Ave., Montreal	AT 2890
Bell, Jerome B.	Com. 1	755 Upper Lansdowne Ave., Westmount	EL 5681
Bell, Richard H.	Med. 1	2057 McGill College Ave., Apt. 1, Montreal	LA 2008
		Strong, Maine	
Bennett, Phyllis L. G.	B.A. 4	3484 Northcliffe Ave., Montreal	DE 8834
Bennett, Robert D.	Grad. Sch	4401 Harvard Ave., Montreal	EL 0443
Benoit, André P.	Eng. 4	481 Prince Arthur St. W., Montreal	MA 1418
Benson, Gordon W.	Eng. 2	2284 Wilson Ave., Montreal	DE 6022
Benson, John E.	Music	3435 Westmore Ave., Montreal	WA 7088
Benson, Wilbert E.	Arts P., Theol.	3506 University St., Room 314, Montreal	MA 2055
		306 N. Fourth St., Stillwater, Minn.	
Bercovici, Ethel.	Grad. Sch	4543 Royal Ave., Montreal	DE 6320
Bercovitz, George D.	Med. 3	4094 Girouard Ave., Montreal	DE 7404
Bercuson, Joseph M.	Eng. 1	721 De l'Epee Ave., Outremont	DO 2724
Bergeron, Wilfred.	B.A. 2	3506 University St., Montreal	MA 2055
		114 Belleville Rd., New Bedford, Mass.	
Bernier, Paul E.	Arts P	3650 Laval St., Montreal	LA 0786
		326 Main St., Somersworth, N.H.	
Bernstein, Alan L.	Arch. 5	4125 St. Lawrence Blvd., Montreal	BE 3206
Bernstein, Barbara G.	Arts P	236 Elm Ave., Westmount	FI 9130
Bernstein, Eric L.	Med. 4	236 Elm Ave., Westmount	FI 9130
Berry, John S.	B.Sc. 1	99 Hillcrest Ave., Montreal West	WA 3968J
Berry, William G.	Grad.Sch.,Theol.2	3506 University St., Montreal	MA 2055
		London, Eng.	
Biderman, David.	B.Sc. 1	4143 Colonial Ave., Montreal	MA 3307
Bigelow, Jesse E.	B.A. 1	419 Victoria Ave., St. Lambert	St.L 882
Bilkey, Margaret L.	B.A. 3	427 Mt. Stephen Ave., Westmount	WE 5253
Billingsley, Lawrence W.	Grad. Sch	628 Grosvenor Ave., Westmount	EL 3660
Bilsky, Sylvin.	B.A. 2	3651 Durocher St., Montreal	HA 5590
		149 Somerset St. W., Ottawa	
Bindon, Florence M.	Arts P	3901 Claude St., Verdun	
Bishop, John W. H.	Com. 3	32 D. Gleneagles, Cote Des Neiges Rd., Montreal	FI 8406
Bishop, Ross M.	Eng. 3	2151 Lincoln Ave., Apt. 2, Montreal	FI 2656
		Bishopton, Quebec	
Bisson, Gontram.	Com. 2	1552 St. Joseph Blvd. E., Apt. 1, Montreal	AM 7214
Bjorklund, Gordon H.	B.Sc. 1	5622 Sherbrooke St. W., Apt. 1, Montreal	DE 5426
Blachford, Hugh W.	Arch. 2	7 Hudson Ave., Westmount	WE 4124
Black, Donald H. F.	Law 2	65 Rosemount Crescent, Westmount	FI 6036
Black, Harvey H. D.	B.A. 3	65 Rosemount Crescent, Westmount	FI 6036
Black, John R.	Med. 5	3560 University St., Montreal	MA 7908
		2119 Broad St., Regina, Sask.	
Black, Lauretta T. J.	B.A. 3	352 Lansdowne Ave., Westmount	DE 6095
Black, Peter T. A.	Grad. Sch	3482 Durocher St., Montreal	MA 3485
Blair-McGuffie, Malcolm H.	Eng. 3	510 Pine Ave., Montreal	MA 6958
		Braydells, Haywards Heath, Sussex, England	
Blais, Wilfred A.	Med. 4	495 Prince Arthur W., Montreal	MA 6863
		186 Elm St., Pittsfield, Mass.	
Blake, Earl M.	Med. 5	1441 Drummond St., Montreal	MA 4171
		Waterloo, Quebec	
*Blake, Sara E.	Arts P	1 de Caisson Road, Westmount	FI 9052
Blakely, Malcolm H.	Com. 4	3845 Decarie Blvd., Montreal	DE 9294
Blaylock, Peter W.	B.Sc. 4	3454 Holton Ave., Montreal	FI 5761
Block, Ben.	Eng. 1	3511 Jeanne Mance St., Montreal	HA 4080
Bloom, David.	Eng. 3	184 Belanger St., Montreal	CR 2989

*Left early in session.

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Bloom, Joseph	Med. 5	3951 De Bullion St., Montreal	LA 9309
Bloomfield, Arthur I.	B.A. 3	337 Elm Ave., Westmount	WI 6239
Bloomfield, Morton W.	B.A. 4	337 Elm Ave., Westmount	WI 6239
Blumenthal, Estelle H.	Grad. Sch.	63 Strathearn Ave., Montreal West.	WA 2073
Blumer, Moe	B.A. 3	3415 Vendome Ave., Montreal	EL 7245
Bodger, Roland	Theol. 3	3473 University St., Montreal	MA 4902
Bois, Joseph S. A.	Grad. Sch.	268 Wood Ave., Westmount	WI 8029
Bonnar, Nancy R.	B.A. 1	558 Lansdowne Ave., Westmount	EL 8164
Bonner, Hugh J.	Med. 2	366 Sherbrooke St. W., Montreal	PL 7979
		47 Custer St., Jam. Plain, Mass.	
Booth, Frank M.	Eng. 1	2616 Soissons Ave., Montreal	AT 0880J
Booth, John R.	Eng. 3	2616 Soissons Ave., Montreal	AT 0880J
Borer, Julius	Com. 3	4388 Colonial Ave., Montreal	MA 2748
Boright, Campbell	B.Sc. 1	1170 St. Mark St., Montreal	PL 1537
Boright, Raymond K.	Eng. 4	1122 Sherbrooke St. W., Montreal	LA 0734
		Lonely Mine, South Rhodesia	
Bott, Reginald H.	B.A. 1	5011 Gatineau Ave., Montreal	EL 6917
Bouchard, Jean C.	Eng. 1	1028 Mount Royal East, Montreal	FR 7181
Boulkind, Mabel	B.A. 4	3787 Grey Ave., Montreal	DE 6098
Bourne, C. Clayton	Dent. 1	2310 Dorchester St. W., Montreal	WI 2910
Bourne, Charles Gordon	B.A. 1	43-3rd St., St. Lambert	St.L. 518
Bourne, Charles Grose	B.Sc. 1	167 Logan St., St. Lambert	St.L. 982
Bourne, James D.	Eng. 1	32 Holton Ave., Westmount	FI 8131
Bourne, Marjorie B.	B.A. 4	Royal Victoria College, Montreal	MA 9176
		Barbados, B.W.I.	
Bourne, Mary K.	B.A. 4	Royal Victoria College, Montreal	MA 9176
		Barbados, B.W.I.	
Bourne, Reginald A.	B.A. 1	2310 Dorchester St. W., Montreal	WI 2910
Bovyer, John M.	Arts P.	1782 Van Horne Ave., Montreal	AT 7244
		Crapaud, P.E.I.	
Bowden, Guy D.	Com. 4	3429 Peel St., Montreal	PL 7385
		1284 Beach Drive, Victoria, B.C.	
Bowes, Martin R.	Dent. 1	1015 Sherbrooke St. W., Montreal	MA 4418
		21 Howell St., Bath, N.Y.	
Bowland, James G.	Arts P.	3647 University St., Montreal	MA 2806
Bowles, W. Shedden	Grad. Sch.	44 Academy Rd., Apt. 7 Westmount	We 6551
Bowman, Charlotte R.	B.A. 2	Royal Victoria College, Montreal	MA 9176
		446 Cloverdale Rd., Rockcliffe Park, Ottawa	
Boxer, Morce J.	B.A. 4	3776 de Bullion St., Montreal	
Boyce, William H.	B.Sc. 1	1561 Ducharme Ave., Outremont	AT 2591
Boyd, David P.	B.Sc. 2	1545 Mackay St., Montreal	PL 7876
		103 Dufferin Road, Valleyfield	
Boyd, Donald L.	B.Sc. 2	3506 University St., Montreal	MA 2055
		Cowansville, Quebec	
Boyd, Harvey C.	Med. 1	3482 Durocher St., Montreal	MA 3485
		508 Thompson St., Ann Arbor, Mich.	
Boyd, Helen F.	B.A. 4	4083 Grand Blvd., Montreal	EL 7983
Boyd, Jean C.	B.Sc. 1	48-16th Ave., Lachine	Lch. 391J
Boyd, Laurence G.	B.Sc. 2	122 George V Ave., Lachine	Lch 1702
Bradley, Helen M.	Com. 4	Royal Victoria College, Montreal	MA 9176
		190 Holmwood Ave., Ottawa.	
Bradley, William Barker	Law 1	3478 McTavish St., Montreal	PL 7412
		24 Wolfe St., Sherbrooke, Que.	
Bradley, Wm Henry	Arts P.	3473 University St., Montreal	MA 4902
		Manitou, Manitoba	
Braisted, William E.	Med. 3	3521 University St., Montreal	MA 1718
		Wayne, Nebraska	
Braunstein, Moses M.	Med. P.	1103 Laurier Ave., W., Montreal	AT 7454
Bray, Jack	B.Sc. 1	3441 Decarie Blvd., Montreal	DE 4583
		Kirkland Lake, Ontario	
Breakey, Andrew	Law 3	3478 McTavish St., Montreal	PL 7412
		Breakeyville, Quebec	
Brenhouse, Samuel E. M.	Grad. Sch.	4301 Esplanade Ave., Montreal	BE 2148
Brennan, L. Millicent	B.A. 1	379 Grosvenor Ave., Westmount	DE 6156
Breton, Theodore A.	Med. 1	3551 Durocher St., Montreal	BE 1904
		458 Queen St. E., Sault Ste Marie, Ontario	
Brissenden, Leonard A.	B.Sc. 1	85 St. Joseph St., Dorval	
Brissenden, William G.	Eng. 1	85 St. Joseph St., Dorval	
Brisset, Jean	Law 2	3778 Grey Ave., Montreal	DE 9193
Broderick, George N.	Law 3	3810 Draper Ave., Montreal	DE 8913
Brodie, Alexander B.	Com. 3	22 Edgehill Road, Westmount	WE 2570

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Brodie, Arnold M.	Com. 3	22 Edgehill Road, Westmount	WE 2570
Brodie, James	Com. 3	5445 Cote St. Antoine Rd., Montreal.	DE 8045
Brody, Selwyn	Med. 3	1045 St. Viateur St. W., Montreal	CR 3651
		29 Commercial St., Glace Bay, N.S.	
Bronfman, Beatrice	B.A. 2	609 Carleton Ave., Westmount	WE 1636
Bronfman, Gerald	Com. 3	3617 Westmount Blvd., Westmount.	WE 1016
Bronfman, Mildred Q.	B.A. 2	609 Carleton Ave., Westmount	WE 1636
Bronfman, Zella	B.A. 4	609 Carleton Ave., Westmount	WE 1636
Brooke, Jess R.	Med. 1	550 Milton St., Montreal	LA 3712
		945-20th Ave., Seattle, Wash.	
Brookfield, Elisabeth	B.A. 3	50 Chesterfield Ave., Westmount	EL 8195
Brooks, Fisk	Med. 2	1430 Pierce St., Montreal	
		Mooers, N.Y.	
Broome, Edward	Com. 4	3581 University St., Montreal	MA 3842
		24 Chestnut Park, Toronto	
Brophy, Doris E.	Arts P.	Royal Victoria Hospital, Montreal	
		1961 Church Ave., Montreal	FI 5860
Brosseau, Roland F.	Eng. 2	1050 Gilford St., Montreal	FR 8350
Brown, Allan T.	Med. 3	3575 Shuter St., Montreal	MA 8584
		Carleton Place, Ontario	
Brown, B. Stanley W.	Med. 4	3482 Wilson Ave., Montreal	EL 8096
Brown, Constance B.	B.A. 4	152 Easton Ave., Montreal West	WA 3138
Brown, Ernest F.	Eng. 3	7219 Alexandra Ave., Montreal	
Brown, Frances H.	B.Sc. 1	435 Prince Albert Ave., Westmount.	DE 3346
Brown, Helen T.	B.A. 3	58 Nelson Ave., Outremont	DO 6571
Brown, Hugh C.	Eng. 2	2 Winchester Ave., Westmount	EL 8679
Brown, James	Com. 1	5056 Western Ave., Montreal	EL 6624
Brown, Mildred E.	Arts P.	58 Nelson Ave., Outremont	DO 6571
Brown, Norman M.	B.A. 2	4035 Harvard Ave., Montreal	WA 0353
Brown, Robert A.	B.A. 3	3807 Oxford Ave., Montreal	EL 5453
Brown, Samuel	Arts P.	3485 McTavish St., Montreal	PL 1649
		Ballymena, Ireland	
Brown, Wilfred H.	Theol. 2	12 Winchester Ave., Westmount	
Bruce, Agnes J.	B.A. 2	419 Metcalfe Ave., Westmount	WE 2845
Brummell, Orby R.	Eng. 4	1441 Drummond St., Montreal	MA 4171
		Buckingham, Quebec	
Brundage, Delmar K.	Eng. 2	3535 Jeanne Mance, Montreal	MA 2941
		Lennoxville, Quebec	
Brusilovsky, David	B.A. 3	4143 Henri Julien Ave., Montreal	BE 2164
Bryant, Evelyn M.	B.A. 3	475 Wiseman Ave., Outremont	AT 2247
Bryer, Wayne P.	Med. 5	529 Prince Arthur St. W., Montreal.	MA 8435
		22 High St., Peterborough, N. H.	
Bryson, Bruce F.	Med. 2	3637 Oxenden Ave., Montreal	MA 8729
		225-4th Ave., New Westminster, B.C.	
Buchanan, Jean M.	B.A. 1	2301 Regent Ave., Montreal	DE 1597
Buchanan, M. Edith M.	Arts P.	Nurses' Home, Royal Victoria Hos-	PL 1251
		pital, Montreal Local Nurses Home	
Buchanan, Ruth C.	Arts P.	4961 Queen Mary Rd., Apt. 14, Mont-	
		real	EL 1506
		Amkhut P. O., Via Dohad, Central	
		India	
Buchanan, William J. V.	B.A. 3	3506 University St., Montreal	MA 2055
		Ardara, Co. Donegal, Irish Free State	
Budden, John H.	Eng. 1	3460 Simpson St., Montreal	FI 4335
Budden, Patricia N.	B.A. 4	43 The Maxwelton, 900 Sherbrooke	
		St. W., Montreal	LA 9752
Buell, John H.	Med. 1	Capitol Apartments, 2028 Victoria	
		St., Montreal	
		Quaker Hill, Conn.	
Buffam, G. B. Bonar	Med. 4	3506 University St., Montreal	MA 2055
		Box 267 Perth, Ontario	
Bugden, Wilson A.	B.A. 4	5419 Lafond St., Rosemount	CL 2786M
		English Harbour, Nfld.	
Buggey, Lillian R.	Lib. Sch.	631 Querbes Ave., Outremont	CR 7046
		Rivers, Manitoba	
Bunting, Sidney S.	Arch. 4	3433 Peel St., Montreal	PL 2073
Burdayron, Beatrice A. L.	B.A. 1	4344 Des Erables St., Montreal	AM 5632
Burgess, Eric L.	Arch. 5	2077 Victoria St., Montreal	LA 3350
		67 Grove Ave., Ottawa, Ont.	
Burgomaster, Norman	Arts P.	3473 University St., Montreal	MA 4902
		Omemee, Ontario	
Burleson, Henry S.	Eng. 4	3605 University St., Montreal	MA 3101
		203 White Park Rd., Ithaca, N.Y.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Burnham, Donald E.	Grad. Sch.	111 Tara Hall Ave., Montreal	HA 3028
Burnie, John L.	Eng. 1	4151 West Hill Ave., Montreal	DE 3138
Burns, Donald M.	B.A. 3	4338 Westmount Ave., Westmount	WE 4108
Burri, Henry W.	Eng. 4	1581 St. Andre, Montreal	FR 1664
Burrill, William C.	Com. 2	3434 McTavish St., Montreal	PL 6773
		38 Mapleside Ave., Hamilton, Ontario	
Burrows, Helen R.	B.A. 1	163 Portland Ave., Model City	AT 0469W
Burt, James R.	B.A. 2	3506 University St., Montreal	MA 2055
		150 St. John St., Quebec City	
Bush, William A.	B.A. 1	3869 Melrose Ave., Montreal	DE 8923
Bussey, James F.	B.Sc. 1	148 Fifth Ave., Verdun, Que.	
Butler, Albert A.	Med. 4	3818 Wilson Ave., Montreal	DE 0346
Butler, John A. T.	Eng. 4	5037 Grosvenor Ave., Westmount	EL 5738
Butler, Margaret M.	Arts P	Chateau Apt's, Montreal	PL 5678
Butler, Thomas R.	Law 3	Chateau Apt's, Montreal	PL 5678
Butler, William T.	B.Sc. 1	5037 Grosvenor Ave., Montreal	EL 5738
Butterfield, Dudley S.	Com. 4	3434 McTavish St., Montreal	PL 6773
		Hamilton, Bermuda	
Bychowsky, Victor	B.Sc. 2	19 St. Catherine Rd., Montreal	
Byers, Alan G.	Com. 2	5 Summit Circle, Westmount	FI 2250
Byers, Alfred R.	Grad. Sch.	3166 Westmount Blvd., Westmount	FI 4202
Byers, Margaret E.	B.A. 3	5 Summit Circle, Westmount	FI 2250
Bynoe, Evan T.	Grad. Sch.	Macdonald College, Ste. Annes	Ste.A.166
		Barbados, B.W.I.	
Byrne, Joseph L.	B.Sc. 2	52 Curzon St., Montreal West	WA 3155
Caccamise, Joseph S.	Dent. 1	532 Milton St., Montreal	MA 5240
		220 Pennsylvania Ave., Rochester, N.Y.	
Cageorge, John D.	B.Sc. 3	80-44th Ave., Lachine	Lch 638
Calder, Douglas S.	Grad. Sch.	1015 Sherbrooke St. W., Montreal	MA 4418
		693 Talbot St., London, Ontario	
Calder, Robert M.	B.A. 4	5953 Hutchison St., Montreal	DO 0756
Calder, Tom	Law 1	6232 Godfrey Place, Montreal	EL 5917
Calhoun, Beatrice L.	B.Sc. 1	234 Kensington Ave., Westmount	FI 2670
Cam, Colin W.	B.Sc. 1	151 Dobie Ave., Mount Royal, Que.	AT 0515
Cameron, Adam K.	Eng. 1	Strathcona Hall, Montreal	PL 1156
		1101 Clifton Ave., Moose Jaw, Sask.	
Cameron, Donald	Grad. Sch.	Macdonald College, Ste. Annes, Quebec	Ste.A. 87
		"Almanarre," Shandon, by Helensburgh, Dunbartonshire, Scotland	
Cameron, James B.	Arts P	3464 Hutchison St., Montreal	MA 6689
Cameron, James W. M.	Grad. Sch.	Macdonald College, Ste Annes	Ste.A. 166
Cameron, Janet M.	B.A. 4	2071 Grey Ave., Montreal	DE 1363
Cameron, Jean C. O.	B.A. 2	316 Cote St. Antoine Rd., Montreal	WE 5111
Cameron, John R.	Law 3	1572 Summerhill Ave., Montreal	FI 2767
Cameron, Olive S.	B.A. 3	4467 Montrose Ave., Westmount	WE 4331
Campbell, Donald A.	B.A. 3	3485 McTavish St., Montreal	PL 1649
		Heatherdale, P.E.I.	
Campbell, Dora M.	B.A. 1	1511 Mackay St., Montreal	PL 7601
Campbell, Frank B.	Com. 4	66 Aberdeen Ave., Westmount	WE 3035
*Campbell, Frederick G.	B.Sc. 1	3470 Cote des Neiges Rd., Montreal	WI 6258
Campbell, George H. M.	B.A. 4	644 Argyle Ave., Westmount	WE 5283
Campbell, Noel	Eng. 1	3468 Mountain St., Montreal	LA 8846
		47 Huron St., Walkerville, Ontario.	
Campbell, Raymond S.	Arts P	3430 Cuvillier St., Montreal	AM 5447
		Morin Heights, Quebec	
Candlish, Fairlie	Eng. 1	10751 Berri St., Montreal	DU 4334
Canning, Lloyd R.	Com. 1	2235 Marcil Ave., Montreal	DE 4117
		Lachute, Quebec	
Cantin, Louis F. J.	Law 2	701 Blvd. Desmarchais, Verdun, Que.	YO 0936
Cantlon, Mary E.	B.A. 1	12 Park Place, Apt. 3, Montreal	WE 4895
Cardon, Sylvia	B.A. 3	5322 Hutchison St., Montreal	CR 9542
Cardwell, Anthony H.	B.A. 3	296 Sherbrooke St. W., Montreal	HA 5078
		c/o Midland Bank, Nailsworth, Glos., Eng.	
Carey, William F.	B.A. 2	1469 Mount Royal East, Montreal	FR 1609
		500 Fifth Ave., New York City	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Carl, Selma C. E.	Arts P.	1820 Bayle St., Apt. 1, Montreal	WI 9204
Carlisle, Thomas H.	Law 2	465 Lansdowne Ave., Westmount	WE 5658
Carlyle, Grant M.	Com. 4	156 Easton Ave., Montreal West	WA 0821
		1116 Sydenham Rd., Calgary, Alta.	
Carmichael, Ralph M.	Eng. 3	Strathcona Hall, Montreal	PL 1156
		Whitby, Ontario	
Carmichael, William R.	Arts P.	518 Second Ave., Verdun	
Caron, Edgar W.	B.A. 1	3168 Joseph St., Verdun	YO 3458
Carpenter, Frederick J.	Med. 3	539 Pine Ave., W., Montreal	MA 7818
		199 Springside Ave., Pittsfield, Mass.	
Carrillo, Philip R.	B.Sc. 1	2184 Lincoln Ave., Montreal	WI 9543
Carroll, Jessie M. S.	B.A. 1	547 Lansdowne Ave., Westmount	WE 5754
Carroll, John J.	Med. 1	463 Sherbrooke St. W., Montreal	MA 1701
		Johnville, Quebec.	
Carsley, Cecil F.	B.A. 3	12 Aberdeen Ave., Westmount	WE 2944
Carswell, Hervey B.	Com. 4	3434 McTavish St., Montreal	PL 6773
		149 Daly Ave., Ottawa, Ont.	
Carter, George E.	B.A. 1	3473 University St., Montreal	MA 4902
		36 Prince of Wales St., St. John's, Nfld.	
Carter, Ernest C.	Arts P.	6900 Boyer St., Montreal	
Carter, William F. S.	Eng. 2	119 Arlington Ave., Westmount	WE 2657
Carter, William P.	B.Sc. 2	3446 Jeanne Mance St., Montreal	MA 3382
*Casgrain, Jeanne M. C.	Arts P.	1245 St. Mark St., Apt. 16, Montreal.	WI 6825
Casselman, Archie B.	B.A. 2	3485 McTavish St., Montreal	PL 1649
		Finch, Ontario	
Cathcart, Joseph	Theol. 3	3485 McTavish St., Montreal	PL 1649
		South Mountain, Ontario	
Caughey, Edgar H.	Med. 3	1441 Drummond St., Montreal	MA 4171
		1560 Oxford Rd., Grosse Pointe, Mich., U. S. A.	
Cavanaugh, Thomas	Med. 4	366 Sherbrooke St. W., Apt. 4, Montreal	PL 7979
		360 Union Ave., Framingham, Mass.	
Cayford, Grace B.	B.A. 1	517 Lansdowne Ave., Westmount	WE 4606
Cerini, Fred V.	B.Sc. 2	5605 Waverley St., Montreal	CR 4509
Chadwick, Hester L.	B.A. 2	654 Grosvenor Ave., Westmount	EL 3466
Chadwick, Mary C.	B.A. 2	411 Metcalfe Ave., Westmount	WE 6358
Chalk, Arthur W.	Arts P.	4951 Western Ave., Westmount	EL 8819
Challies, Ethel S.	B.A. 2	8 Grove Park, Westmount	FI 4424
Challies, George S.	Law 2	8 Grove Park, Westmount	FI 4424
Chamard, John M.	Dent. 3	1455 Drummond St., Apt. 116, Montreal	HA 6485
Chamard, William M.	Com. 3	1455 Drummond St., Apt. 116, Montreal	HA 6485
Chandler, Lemuel N.	Med. 4	539 Pine Ave. W., Montreal	MA 7818
		10 Park St., Barre, Vermont	
Chapin, Wight N.	Med. 4	745 St. Joseph St., Lachine	Lch. 368
Chapman, Antony D.	B.A. 2	381 Olivier Ave., Westmount	DE 4305
Chapman, Clifford W.	Grad. Sch.	Dept. of Biochemistry, McGill University	MA 9181
		14 Clarey Ave., Ottawa, Ontario	
Chapman, Edmund C. T.	B.Sc. 3	2054 Mansfield St., Montreal	LA 5528
		Box 440, Vernon, B.C.	
Chapman, Frederic D.	Med. 1	522 Sherbrooke St. W., Apt. 34, Montreal	MA 5096
		106 Scottholm Terr. Syracuse, N.Y.	
Chapman, Stuart M.	Eng. 2	1271 Dorchester St. W., Apt. 3, Montreal	MA 8215
Chapman, William P.	Med. 1	545 Pine Ave., Montreal	MA 1545
		Broadalbin, N.Y.	
Charlap, Gregory	Grad. Sch.	397 St. Joseph Blvd., W., Montreal.	DO 8728
Charters, Stewart A.	Eng. 2	218 Metcalfe Ave., Westmount	WE 4608
Chassé, Paul-Emile	Law 2	534 Sherbrooke St., W., Montreal	HA 4709
		Sorel, Quebec	
Cheng, Kee R.	Eng. 2	189 Dorchester St. W., Montreal	
		Lillooet, B.C., P.O. Box 5	

*Left early in session.

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Chesney, Llewellyn P.	B.A. 1	599 Victoria Ave., Westmount	EL 3567
Chevalier, Paul	B.Sc. 2	Gleneagles Apts., Montreal	
		Senneville, Quebec	Ste.A.210
Chevrier, Claude	Com. 1	484 Notre Dame, St. Lambert	St. L. 85
Chipman, Samuel G.	Eng. 4	18 Brock Ave., S., Montreal West	WA 1236
Chisholm, Helen W.	Arts P.	148 Cote St. Antoine Rd., Montreal	WE 4794
		Britannia Bay, Ontario	
Christensen, Harry E.	Med. 3	539 Pine Ave., W., Montreal	MA 7818
		18 Riverside Ave., Gloucester, Mass.	
Christie, Archibald M.	Eng. 3	87 Holton Ave., Westmount	FI 4035
Christie, Robert L.	Eng. 3	32 Maxwelton Apt's., 900 Sherbrooke St. W., Montreal	LA 1073
		90 Smith Ave., Truro, N.S.	
Chu, Fred	Med. 1	1451 Aylmer St., Montreal	HA 1631
		130 Pender St. E., Vancouver, B.C.	
Chubb, Francis L.	B.Sc. 3	1495 MacKay St., Montreal	MA 8402
		124 Murray Ave., Quebec City, Que.	
Church, Robert D.	B.A. 2	3637 University St., Montreal	MA 1284
		14 Powell Ave., Ottawa, Ontario	
Cipriani, André	Med. 1	3493 Shuter St., Montreal	MA 9759
		Port of Spain, Trinidad	
Clark, Albert W.	Med. 4	3637 Oxenden Ave., Montreal	MA 8729
		Manawagonish Rd., Fairville, N.B.	
Clark, Dudley	Med. 2	3640 Hutchison St., Montreal	LA 8505
		130 South June St., Los Angeles, California	
Clark, Edgar H.	B.A. 4	1015 Sherbrooke St. W., Montreal	MA 4418
		33 Ingram St., Forest Hills, New York City	
Clark, Robert E.	B.A. 1	3506 University St., Montreal	MA 2055
		Port Lambton, Ontario	
Clark, Samuel D.	Grad. Sch.	3420 Hutchison St., Montreal	LA 3850
		Streamstown, Alberta	
Clark, William A.	B.A. 1	4471 Old Orchard Ave., Montreal	EL 1771
Clarke, Bruce P.	Eng. 4	1832 Lincoln Ave., Montreal	WI 6997
		Lennoxville, Quebec	
Clarke, George F.	Grad. Sch.	3647 University St., Montreal	LA 4955
		Ewarton, Jamaica, B.W.I.	
Clarke, Jessie	B.A. 4	4299 Western Ave., Montreal	FI 9057
Clarke, Joan E.	B.A. 3	310 Strathearn Ave., Montreal West	WA 3978
Clarke, Thomas R.	Eng. 3	55 Brock Ave., N., Montreal West	WA 5157
Clarke, Walter H.	Eng. 2	55 Brock Ave., N., Montreal West	WA 5157
Classey, Joseph H.	B.A. 4	3643 Henri-Julien Ave., Montreal	HA 2514
		Thornhill, Ontario	
Cliff, George B.	B.Sc. 1	140 St. Charles St. E., Longueuil, Que.	Long. 492W
Clifford, Robert M.	B.Sc. 1	4970 Queen Mary Rd., Montreal	EL 0641
		La Tuque, Quebec	
Clift, Erol B.	Dent. 2	4573 Sherbrooke St. W., Montreal	WE 2667
Clinger, Orris W.	Med. 5	4640 Roslyn Ave., Montreal	EL 7713
		Tidioute, Pa.	
Clogg, Hazel E.	B.A. 3	1 Murray Ave., Westmount	WE 6185
Clogg, Lorna M.	B.A. 4	1 Murray Ave., Westmount	WE 6185
Clouston, Janet S.	B.A. 4	Senneville, Que	Ste.A.255
Cohen, Abraham I. F.	Law 2	4638 Jeanne Mance St., Montreal	HA 0402
Cohen, Arthur	B.A. 2	877a Dollard Ave., Outremont	AT 7547
Cohen, Arthur	Grad. Sch.	129 St. Joseph Blvd. W., Montreal	DO 2336
Cohen, Edgar H.	B.A. 4	571 Grosvenor Ave., Westmount	EL 9055
Cohen, Elsa L.	B.A. 2	571 Grosvenor Ave., Westmount	EL 9055
Cohen, Eunice F.	B.A. 1	4638 Jeanne Mance St., Montreal	HA 0402
Cohen, Frances T.	B.A. 3	4899 Sherbrooke St., Westmount	DE 5101
Cohen, Max	B.Sc. 1	4273 Esplanade Ave., Montreal	LA 3762
Cohen, Morris	Med. 5	4307 Esplanade Ave., Montreal	BE 2457
Cohen, Morton	B.A. 1	249 Bloomfield Ave., Outremont	AT 0329
Colby, Harriet C.	B.A. 2	Royal Victoria College, Montreal	MA 9176
		Stanstead, Que.	
Coldwell, Edgar W.	Law 2	19 Staynor St., Westmount	WE 5301
Cole, Alfred H. P.	Eng. 3	1170 Mountain St., Montreal	PL 0283
		314 Broadway, Lachine, Que.	
Coleman, Mary S.	B.A. 3	2055 Mansfield St., Apt. 16, Montreal	LA 1096
Collard, Edgar A.	B.A. 3	4198 West Hill Ave., Montreal	DE 3247

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Collard, Edmund G.	Law 3	4198 West Hill Ave., Montreal	DE 3247
Colm, Cyrenus L.	Med. 1	3683 Hutchison St., Montreal Durham, California.	
Condit, Philip K.	Med. 2	545 Pine Ave., W., Montreal 5557 Lawton Ave., Oakland, Calif.	MA 1545
Conklin, Hanford A.	Com. 3	542 Outremont Ave., Montreal	AT 1961
Conroy, James B.	Med. 2	4917 Connaught Ave., Montreal	WA 6705
Conroy, Mary P.	Lib. Sch.	2177 Wellington St., Montreal	WI 8564
Cook, Clement W. W.	B.Sc. 1	10611 Chambord St., Montreal	DU 1461
Cook, J. Bernard	Med. 1	1441 Drummond St., Montreal 157 Cedar St., Sudbury, Ontario	MA 4171
Cook, Kenneth G.	B.Sc. 1	381 Prince Albert Ave., Westmount	EL 8665
Cooke, Gertrude E.	B.Sc. 2	Royal Victoria College, Montreal 55 Alpine Rd., New Rochelle, N.Y.	MA 9176
Cooke, Laure P.	B.A. 2	Royal Victoria College, Montreal 5012 Summit, Kansas City, Missouri	MA 9176
Cooper, Charles E.	Med. 5	545 Pine Ave., W., Montreal 120 W. Highland Drive, Seattle, Wash.	MA 1545
Cooper, Douglas H.	B.Sc. 2	6 Kelvin Ave., Outremont	AT 0822
Cooper, John I.	Grad. Sch.	3485 McTavish St., Montreal 185 Central Ave., London, Ontario	PL 1649
Cooper, Rex H.	B.A. 3	6 Kelvin Ave., Outremont	AT 0822
Cooper, Sydney G.	B.Sc. 2	26 Joyce Ave., Outremont	AT 3702
Cooper, William E.	Eng. 3	3515 Lorne Ave., Montreal 60 Hall St. E., Moose Jaw, Sask.	MA 8249
Cooperberg, Harold	Arch. 2	6259 Papineau Ave., Montreal	DO 0942
Coorsh, Daniel	B.A. 3	733 Querbes Ave., Outremont	DO 2989
Copnick, Irving	Dent. 4	5936 Esplanade Ave., Montreal	CR 9481
Coppick, Sydney	Eng. 2	3546 Durocher St., Montreal	LA 2978
Corber, Abraham A.	B.A. 2	5338 Waverly St., Montreal	CR 7773
Corbet, Campbell V. B.	Com. 4	3605 University St., Montreal 1201—6th St. West, Calgary, Alta.	MA 3101
Corbett, Vaughan B.	Law 1	760 Upper Lansdowne Ave., Westmount	EL 1809
Corcoran, Arthur C.	Med. 5	1529 Cedar Ave., Montreal Waterloo, Quebec	PL 4464
Cordes, Sam. D.	B.A. 1	5936 Jeanne Mance St., Montreal	CR 7596
Corey, Alfred J.	Grad. Sch.	3506 University St., Montreal Keswick Ridge, N.B.	MA 2055
Cornell, Douglas A.	B.Sc. 4	650 Grosvenor Ave., Westmount	EL 4964
Cornell, L. Dean	B.A. 4	3447 Hingston Ave., Montreal	DE 1035
Corrigan, Frank J.	B.A. 2	1493 Bishop St., Montreal 301 Laurier Ave., E., Ottawa	LA 1941
Costello, Herbert M.	Law 3	5443 Jeanne Mance St., Montreal	CR 3734
Costello, Robert E. E.	Eng. 3	12537 Rivoli St., Cartierville, Que.	BY 1190
Cotton, Hilda E.	B.A. 4	338 Metcalfe Ave., Westmount	WE 4535
Courtney, Kenneth O.	Med. 4	3484 Shuter St., Apt. 7, Montreal 3644—6th St., San Diego, Calif.	MA 4098
Coutts, Erskine	B.Sc. 1	3469 Montclair Ave., Montreal	WA 2538
Covernton, Daphne M.	Lib. Sch.	Royal Victoria College, Montreal 1629 Laurier Ave., Vancouver, B.C.	MA 9176
Coveyduc, Emma M.	B.A. 3	447 Galt Ave., Verdun, Que.	
Cowan, George G.	Eng. 4	1441 Drummond St., Montreal Topsail Rd., St. John's, Newfoundland	MA 4171
Cowie, John P.	B.Sc. 1	134 Brock Ave., N., Montreal West	WA 2195
Cowper, Betty L.	B.A. 3	1060 Bernard Ave., Outremont	DO 3066
Cox, Harold A.	Grad. Sch.	541 Charlotte St., Fredericton, N.B.	
Cox, Mary D.	Grad. Sch.	3774 St. Hubert St., Montreal 329 St. John St., Fredericton, N.B.	LA 5348
Crabtree, Herbert K.	Law 1, Grad Sch.	46 Curzon St., Montreal West	WA 3609
Crabtree, Lorne W. K.	B.Sc. 1	58 Forden Crescent, Westmount Crabtree Mills, Que.	WE 2154
Craig, Carleton	Grad. Sch.	1535 St. Mark St., Montreal 309 Somerset St., Ottawa	FI 7374
Craig, George I.	Com. 1	4530 Girouard Ave., Apt. 16, Montreal	EL 4762
Craig, Grace L. D.	Grad. Sch.	630 Prince Arthur W., Montreal 577 Quay Square, Beaver, Pa.	MA 8479
Craig, Isabel F.	Grad. Sch.	1535 St. Mark St., Montreal 309 Somerset St., Ottawa, Ont.	FI 7374
Craig, Marjorie A.	Lib. Sch.	1500 Bishop St., Montreal 217 Oxford St., Winnipeg, Man.	PL 6827

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Craig, Robert H.	Com. 4	1130 Sherbrooke St. W., Montreal	LA 0657
Cram, Robert G.	Arts P.	1433 Bishop St., Montreal	
Cramer, Harry I.	Med. 2	3438 St. Dominique St., Montreal	HA 0884
Crawford, Kenneth S.	Eng. 2	3581 University St., Montreal	MA 3842
		Lennoxville, Quebec	
Creedy, Phyllis E.	B.A. 1	Royal Victoria College, Montreal	MA 9176
		1323 Delaware Ave., Bethlehem, Pa.	
Creighton, S. Allison	Med. 4	495 Prince Arthur St. W., Apt. 9, Montreal	LA 4050
		Woodstock, New Brunswick	
Crelinsten, Abe	B.A. 2	3531 Addington Ave., Montreal	DE 1355
Crelinsten, Edward	B.A. 3	3531 Addington Ave., Montreal	DE 1355
Cremin, H. Gertrude	Phys. Ed. 2	1208 St. Mark St., Montreal	WI 6139
		302 Saunders St., Fredericton, N.B.	
Cressey, Frederick R.	B.Sc. 1	217 Carlyle Ave., Mount Royal, Que.	AT 0005
Crighton, Marjorie E.	Grad. Sch.	3641 Oxenden Ave., Montreal	MA 1525
Cripps, Samuel	Dent. 4	1075 Van Horne Ave., Outremont	
Cromwell, Lincoln W.	Med. 1	3511 Lorne Ave., Montreal	MA 9846
Cross, Douglas H.	Eng. 4	3581 University St., Montreal	MA 3842
		80 Montreal St., Sherbrooke	
Crossley, Robert H.	Arts P. Dent. 1	8023 Western Ave., Montreal West	WA 5581W
Crowley, Vernon F.	B.Sc. 1	5400 Queen Mary Rd., No. 3, Montreal	EL 6548
Crowther, Bruce S.	Arch. 1	3618 Durocher St., Montreal	PL 8749
Crozier, Leigh J.	Med. 4	477 Prince Arthur St., Montreal	LA 3691
		Darnley, P.E.I.	
Crutchfield, W. I. Nelson	Com. 4	3647 University St., Montreal	MA 2806
		Shawinigan Falls, Que.	
Crutchlow, Eileen G.	B.A. 1	660 Lansdowne Ave., Westmount	EL 5964
Crutchlow, Everett F.	Med. 1	660 Lansdowne Ave., Westmount	EL 5964
Cuddy, John E.	Med. 1	2057 McGill College Ave., Montreal	LA 2008
		16 Ridge Road, Lawrence, Mass.	
Cullen, Milton L.	Med. 1	570 Milton St., Apt. 24, Montreal	PL 8901
		574 Walk Hill St., Mattapan, Mass.	
Cummings, Mary J.	Arts P.	1455 Drummond St., Montreal	MA 8992
Cunningham, Allister L.	Med. 1	3547 University St., Montreal	LA 4955
		24 Union St., Glace Bay, N.S.	
Currie, Garner O.	B.A. 3	3450 McTavish St., Montreal	PL 6027
Currie, Isabel H.	Com. 3	Royal Victoria College, Montreal	MA 9176
		Bedford, Quebec	
Curtis, Harold J.	B.Sc. 1	528 Lansdowne Ave., Westmount	DE 2997
Curtis, Ida G.	B.A. 2	3834 Melrose Ave., Montreal	WA 2473
Curtis, L. A. D.	Theol. 3	3506 University St., Montreal	MA 2055
		Blackhead, B.D.V. Dist., Newfoundland	
Cushing, Gordon P.	Com. 1	1310 Pine Ave. W., Montreal	PL 5690
Cutler, Eben C.	B.Sc. 1	Strathcona Hall, Montreal	PL 1156
		20 Morris Crescent, Yonkers, N.Y.	
Dadson, Kenneth J.	Com. 3	3647 University St., Montreal	MA 2806
		291 First Ave., Ottawa, Ontario	
Dafoe, Margaret E.	B.A. 2	4424 Old Orchard Ave., Montreal	EL 3613
Daignault, Lawrence G.	Eng. 4	2067 Church St., Montreal	FI 6796
d'Albenas, Grace M.	B.A. 1	138 Sanford Ave., St. Lambert, Que.	St.L. 550
Daly, Robert E.	Eng. 2	3454 Peel St., Montreal	PL 1674
		67 Cartier St., Chicoutimi, Que.	
Dancey, Travis E.	Med. 5	Verdun Protestant Hospital, Verdun.	YO 5337
		Aylmer West, Ontario	
Dangerfield, G. F.	Theol. 2	3506 University St., Montreal	MA 2055
		Kemptville, Quebec	
Davidson, Elizabeth C.	B.Sc. 1	525 Victoria Ave., Westmount	DE 6188
Davidson, Melville W.	B.A. 2	517 Charron St., Pt. St. Charles	FI 1578
		1343–14 Ave. W., Calgary, Alta.	
Davies, Baxter T.	Med. 4	539 Pine Ave., W., Montreal	MA 7818
		635 Seventh St., Niagara Falls, N.Y.	
Davies, Malcolm D.	B.A. 4	3651 Oxenden Ave., Montreal	MA 5517
Davies, Phyllis M.	B.A. 1	Royal Victoria College, Montreal	MA 9176
		200 MacLaren St., Ottawa, Ont.	
D'Avignon, Joseph P.	B.Sc. 1	3529 University St., Montreal	MA 8451
		Lake Placid, New York	
Davis, Alberta M.	B.A. 1	42 Burton Ave., Westmount	DE 6310
Davis, Charles W.	Eng. 4	630 Grosvenor Ave., Westmount	EL 3368

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Davis, C. Raymond	Eng. 4	4223 Dorchester St. W., Montreal	WE 4406
		Fryern, Storrington, Sussex, England	
Davis, E. J.	Theol. 2	3506 University St., Montreal	MA 2055
		Freshwater, Newfoundland	
Davis, George E.	B.A. 1	Strathcona Hall, Montreal	PL 1156
		Kimberley, B.C.	
Davis, Henry F.	Law 2	3605 University St., Montreal	MA 3101
		11 Blackburn Ave., Ottawa, Ont.	
Davis, James L.	B.A. 1	64 Rosemount Crescent, Westmount.	FI 9059
Davis, Robert L.	Med. 2	3467 City Hall Ave., Montreal	
		822 Columbus Ave., New York City, N.Y.	
Davison, Charles D.	Arch. 5	3433 Peel St., Montreal	PL 2073
		Bridgewater, Nova Scotia	
Davison, James L.	Com. 4	3647 University St., Montreal	MA 2806
Dawe, H. M.	Theol. 3	3506 University St., Montreal	MA 2055
		Cupids, Newfoundland	
Dawson, Anne O.	B.A. 2	21 Bellevue Ave., Westmount	WE 1954
Dawson, Dudley B.	B.A. 3	3478 McTavish St., Montreal	PL 7412
		202 Heath St. W., Toronto, Ont.	
Dawson, Helen M.	B.A. 1	4663 Victoria Ave., Montreal	EL 5070
Dawson, Isabel G.	Law 1	21 Bellevue Ave., Westmount	WE 1954
Daykin, Charles E.	Med. 5	3506 University St., Montreal	MA 2055
		481 Gladstone Ave., Ottawa, Ont.	
Deakin, C. Stephen	Com. 1	3510 Lorne Ave., Montreal	MA 4996
Dean, Barbara W.	B.A. 2	217 Ballantyne Ave. N., Montreal West	WA 6642
Dean, William W. H.	Eng. 1	Strathcona Hall, Montreal	PL 1156
		Alexandria, Ontario	
Deane, Norton A. W.	B.A. 1	110 St. Germain St., Ville St. Laurent	
DeAngelis, Marius L.	Grad. Sch.	3540 Durocher St., Montreal	PL 3345
Decker, Jessie J.	Com. 3	324 Victoria Ave., Westmount	DE 1430
Degnan, George	Med. 1	3617 Lorne Crescent, Montreal	MA 3147
		421 Amador St., Richmond, Calif.	
deLaVergne, Paul M.	Med. 4	539 Pine Ave. W., Montreal	MA 7818
		Salt Point, N.Y.	
Demers, Réal	B.Sc. 1	115 Cornwall Ave., Mount Royal, Que.	AT 4215W
Demetre, Lillian	Music	4387 Esplanade Ave., Montreal	HA 8764
deMontigny, Raimbault	Grad. Sch.	367 Sherbrooke St. W., Montreal	LA 2979
		401 Daly Ave., Ottawa, Ont.	
Denenberg, Benjamin	Dent. 4	2033 Bleury St., Montreal	HA 6397
Denis, Henri B.	Eng. 2	4231 Wilson Ave., Montreal	DE 9895
Denison, William A.	Com. 1	1441 Drummond St., Montreal	MA 4171
		189 Carling Ave., Ottawa, Ont.	
Denny, Denison	Grad. Sch.	3567 Shuter St., Montreal	LA 3584
		c/o Barclays Bank, St. James St., Montreal	
Denstedt, Orville F.	Grad. Sch.	1441 Drummond St., Montreal	MA 4171
		Ochre River, Man.	
Denton, Bertram K.	B. Sc. 4	4242 Old Orchard Ave., Montreal	DE 9772
Denton, Dorothy M.	B.A. 2	4242 Old Orchard Ave., Montreal	DE 9772
Denton, Fred L.	Com. 2	147 Portland Ave., Mount Royal	AT 5820
Denton, Ronald L.	Med. 2	4242 Old Orchard Ave., Montreal	DE 9772
De Pierro, Rita V.	B.A. 3	3435 Laval Ave., Montreal	LA 5347
Derkson, Carl E.	Med. 4	3683 Hutchison St., Montreal	HA 8093
		Rosthern, Sask.	
Derry, Wallace M.	B.Sc. 1	4355 Beaconsfield Ave., Montreal	EL 3344
Desbarats, Henri B.	Com. 2	3501 University St., Montreal	MA 1598
DeSmit, Raymond W.	Med. 5	3485 McTavish St., Montreal	PL 1649
		1632 Hudson Ave., Rochester, N.Y.	
Detlor, W. Lyall	Theol. 3	79 Somerville Ave., Westmount	EL 8318
Dettmers, Austen B.	B.A. 3	4348 Westmount Ave., Westmount	WE 4171
Devenney, Hartland M.	Grad. Sch.	5545 Decarie Blvd. Apt. 2, Montreal	EL 9644
Dever, Francis X.	B.A. 2	Strathcona Hall, Montreal	PL 1156
		66 Warren St., Glens Falls, N.Y.	
Dewar, James P.	B.Sc. 3	3469 Hutchison St., Montreal	LA 9441
		23 N. Lake Ave., Troy, N.Y.	
Dick, William A.	Eng. 1	1495 MacKay St., Montreal	MA 8402
		315 Laurier Ave., Quebec City	
Dickison, John C.	B.A. 1	4462 Western Ave., Westmount	WE 2187

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Dinan, John J.	Med. 5	2007 Mansfield St., Apt. 31, Montreal 39 d'Auteuil St., Quebec City.	LA 4631
Dinning, Neil F.	B.Sc. 2	220 Wolseley Ave., Montreal West	WA 0601W
Dixon, Dorothy L.	B.A. 1	4217 Hingston Ave., Montreal	EL 3428
Dixon, Gerald H.	Arts P.	2281 Wilson Ave., Montreal	DE 5782
Dixon, Michael G.	Arch. 3	2290 Marcil Ave., Montreal	DE 1663
Dixon, Paul	Eng. 4	3419 University St., Montreal Meadowbank Rd., Old Greenwich, Conn.	MA 3089
Dobell, Miriam H.	B.A. 2	Royal Victoria College, Montreal Belvedere Road, Quebec	MA 9176
Doble, Jean A.	B.A. 4	3228 Westmount Blvd., Westmount.	WE 4735
Dobson, Anna E.	B.A. 2	6645 Molson Ave., Montreal	CR 7864
Dobson, Clarence D.	Med. 2	3524 Lorne Ave., Montreal 375 Carlton Ave., Brooklyn, N.Y.	
Dobson, K. Janet	B.A. 4	6645 Molson Ave., Montreal	CR 7864
Dobson, Richard N.	Eng. 3	6645 Molson Ave., Montreal	CR 7864
Dodd, George K.	Eng. 4	581 Lansdowne Ave., Westmount	WE 2296
Dodd, Margery A.	Arts P.	581 Lansdowne Ave., Westmount.	WE 2296
Dodds, Margaret R.	Grad. Sch.	3122 Daulac Rd., Westmount	FI 9262
Doheny, Hugh	B.A. 1	482 Roslyn Ave., Westmount	DE 3428
Doig, Melbourne A.	Law 2	1374 Sherbrooke St. W., Montreal.	PL 4707
Dolfini, Walter W.	Med. 3	3683 Hutchison St., Apt. 41, Montreal 2323 F. St., Eureka, California.	
Dollar, Helen E.	Med. 3	3572 Lorne Ave., Apt. 4, Montreal Heuvelton, N.Y.	MA 1831
Donahue, Gerald H.	Med. 3	640 Prince Arthur St., Montreal 30 Mechanic St., Presque Isle., Me.	MA 9531
Donald, James R. M.	B.A. 1	1523 Crescent St., Montreal	PL 7567
Donald, Philip J.	B.Sc. 1	280 Pine Ave. W., Montreal 236 South Davis St., Woodbury, N.J.	MA 1093
Doody, H.	Theol. 3	3473 University St., Montreal	MA 4902
Dore, William G.	Grad. Sch.	Macdonald College, Quebec 16 Aylmer Ave., Ottawa, Ont.	
Dorfman, Edith L.	B.A. 1	71 Marie Anne St. W., Montreal	HA 4388
Doubilet, Samuel A.	Com. 2	5232 Jeanne Mance St., Montreal	CR 6608
Dougan, Travis S.	Med. 4	3433 Shuter St., Montreal Harvey Sta., N.B.	MA 6935
Douglas, Denis C.	B.Sc. 1	1025 Sherbrooke St. W., Montreal 2154 Marine Drive, Vancouver, B.C.	PL 8508
Douglas, Frederick D.	Theol. 3	3485 McTavish St., Montreal 278 Wellington St., Kingston, Ont.	PL 1649
Douglas, Mabel M.	B.A. 1	Royal Victoria College, Montreal "Longfield," Ancaster, Ontario	MA 9176
Douglas, Robert A. C.	Com. 4	3429 Peel St., Montreal 2154 Marine Drive, Vancouver, B.C.	PL 7385
Dove, John	B.A. 2	3473 University St., Montreal Harbour Grace, Newfoundland	MA 4902
Downs, William J.	Med. 5	515 Pine Ave. W., Montreal 11036–88th Ave., Edmonton, Alta.	PL 8060
Doxsee, F. A. C.	Theol. 3	1958 Tupper St., Montreal	WI 8072
Doyle, James N.	B.A. 1	3609 University St., Montreal 42–32nd Ave., Lachine	MA 4300
Doyle, Margaret E.	Arts P.	42–32nd Ave., Lachine	Lch. 534
Doyle, Michael G.	Eng. 4	252 Pine Ave., W., Montreal Jacquet River, N.B.	HA 3889
Doyle, Philip E.	Med. 2	409 Prince Arthur, St. W., Montreal. Georgetown, P.E.I.	PL 5395
Drake, Michael E.	Eng. 4	495 Prince Arthur W., Apt. 9, Montreal Blaine Lake, Sask.	LA 3850
Drake, Thomas S.	Eng. 1	3298 Cedar Ave., Montreal 151 Ontario St., Ste. Catharines, Ont.	WE 5825
Drayton, Walker E. F.	Eng. 1	1804 Lajoie Ave., Outremont	AT 0502
Drew, Arnold P.	B.A. 2	2125 Decarie Blvd. Apt. 9, Montreal Richford, Vermont.	DE 6579
Drummond, John W. R.	B.Sc. 1	576 Lansdowne Ave., Westmount	EL 0817
Drury, Charles M.	Law 1	1523 Summerhill Ave., Montreal	FI 4020

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Drury, Foster T.	Med. 3	495 Prince Arthur St. W., Apt. 12, Montreal	LA 0793
		Gouverneur, N.Y.	
Drysdale, Athalie E.	B.A. 3	Royal Victoria College, Montreal	MA 9176
		219 Sunnyside Ave., Ottawa, Ont.	
Dubin, Isadore N.	Med. 1	3957 Clarke St., Montreal	BE 2538
DuBois, Marguerite	B.A. 1	488 Argyle Ave., Westmount	WE 6686
Dubrule, Hildred L.	Com. 4	Royal Victoria College, Montreal	MA 9176
		Prescott, Ontario	
Dubuc, Claude	Law 3	4466 Western Ave., Westmount	WE 3886
Duchow, Marvin	Music	794 Bloomfield Ave., Montreal	CR 3629
Duckett, William A.	Eng. 1	13 Dollard Ave., Montreal South	
Duff, C. Alex	B.Sc. 3	3466 Belmore Ave., Montreal	WA 6934
Duffus, Allan F.	Arch. 1	1441 Drummond St., Montreal	MA 4171
		293 Tower Road, Halifax, N.S.	
Duffy, Ignatius L.	Dent. 1	3730 Jeanne Mance, Montreal	MA 5537
		91 Prince St., Charlottetown, P.E.I.	
Dufresne, Germaine	B.A. 2	342 Sherbrooke St. East, Montreal	LA 5789
Dufty, Donald S.	Com. 1	2366 Clifton Ave., Montreal	DE 5896
Dugal, Fernand	B.Sc. 1	6588 Christopher Columbus St., Montreal	DO 1472
Duguay, Martine H.	Law 3	5360 Duquette St., Montreal	WA 1163
Duguid, Violet L.	B.A. 3	2477 St. Antoine St., Montreal	WI 7754
*Dullege, Forest F.	B.A. 1	43 St. Germaine St., Ville St. Laurent	BY 0452
Dumaresq, Frances M.	Grad. Sch.	10658 Delorimier Ave., Montreal	DU 3815
Dumfries, Margaret	Com. 2	1312 Mount Royal Blvd., Outremont	AT 0403
Duncan, Edith E.	B.A. 2	400 Kensington Ave., Westmount	FI 2369
Duncan, Gaylen R.	Eng. 3	3433 Peel St., Montreal	PL 2073
		318 S. Archibald St., Ft. William, Ont.	
Duncan, William R.	Med. 1	3462 Shuter St., Montreal	MA 7669
		315 2nd Ave. So., Seattle, Wash.	
Dunfield, Vernon M.	Med. 1	3433 Shuter St., Montreal	MA 6935
		Bayfield, N.B.	
Dunlop, Jean M.	B.A. 3	37 Brock Ave. N., Montreal West	WA 1854
Dunn, Alice M.	B.A. 2	MacGregor Apt's, 1700 MacGregor St., Apt. 4, Montreal	WI 4230
		75 St. Ursule St., Quebec City, Que.	
Dunn, Joseph W.	Law 1	324 St. Louis Square, Montreal	LA 4909
		Victoriaville, Que.	
Dunn, Russell A.	B.Sc. 1	1456 Fort St., Montreal	WI 0527
Dunn, W. Kenneth	Grad. Sch.	1441 Drummond St., Montreal	MA 4171
		1752 Euclid St., N. W., Washington, D.C.	
Dunne, Charles V.	Eng. 3	6048a Park Ave., Montreal	DO 3136
		56 College Ave., Ottawa, Ont.	
Dupuis, Jean R.	Com. 1	3430 Berri St., Montreal	HA 8936
Dupuy, Harry E. G.	Eng. 1	1441 Drummond St., Montreal	MA 4171
		35 Ormond St., Brockville, Ont.	
Duquette, Wilfrid M. J.	Eng. 1	439 Boulevard Saint Joseph, Montreal	DO 9729
Duranceau, Charles A.	Eng. 1	3480 Harvard Ave., Montreal	EL 5808
Duskes, Oscar	Eng. 1	4253 St. Lawrence Blvd., Montreal	BE 3687
Dyck, A. Jacob	Grad. Sch.	Macdonald College, Ste. Annes, Que.	Ste.A.166
		Sonningdale, Sask.	
Dynes, Hazel B.	B.A. 2	Royal Victoria College, Montreal	MA 9176
		165 Cartier Ave., Quebec City	
Eaglesham, Fergus C. F.	Med. 3	910 Windsor St., Montreal	MA 3751
		Weyburn, Sask.	
Eakin, William R.	Law 3	572 Roslyn Ave., Westmount	EL 0730
Eardley, Kenneth J. R.	Med. 5	Strathcona Hall, Montreal	PL 1156
		346 Stradbrooke Ave., Winnipeg, Man.	
Earle, C.	Theol. 3	3473 University St., Montreal	MA 4902
		Port Credit, Ont.	
Eastman, Charles W.	Med. 4	495 Prince Arthur St. W., Apt. 9, Montreal	LA 4050
		22 Summer St., Holbrook, Mass.	

*Left early in session.

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Eaton, Joseph W.	Med. 4	515 Pine Ave. W., Montreal	PL 8060
		84 S. Mast Road, Goffstown, N.H.	
Ebbett, George H.	Med. 3	3592 University St., Montreal	PL 2435
		10 Charles St., Houlton, Me.	
Ebbitt, Stuart N.	Law 1	6 Springfield Ave., Westmount	WE 2911
Ede, Ernest D.	Arch. 1	1511 Crescent St., Montreal	LA 0094
		"Weber," Pembroke, Bermuda	
Edgar, Margaret A.	B.A. 1	2035 Guy St., Montreal	FI 5922
Edington, Archibald M.	Med. 3	4321 Earnscliff Ave., Montreal	EL 5250
Edmison, Ruth W.	B.A. 1	469 Strathcona Ave., Westmount	WE 4916
Edson, E. Allan M.	Law 2	4260 Hingston Ave., Montreal	EL 5944
Edson, Ralph E.	Eng. 2	4260 Hingston Ave., Montreal	EL 5944
Edwards, Edward B.	Med. 3	1435 Mansfield St., Montreal	LA 9788
		213 W. 139 St., New York City	
Edwards, Joseph	Grad. Sch.	c/o Dep't of Chemistry, McGill University	MA 7125
		10920–82nd Ave., Edmonton, Alta.	
Edwards, Philip A.	Med. 3	3489 Shuter St., Montreal	LA 7344
		Hamilton, Ontario	
Edwards, Roland	Com. 1	4238 Delorimier Ave., Montreal	AM 1933
Eidinger, Samuel L.	Med. 4	4319 Esplanade Ave., Montreal	BE 1157
Eidlow, Leona	B.A. 1	420 St. Joseph Blvd. W., Montreal	DO 6556
Ein, Rebecca	Com. 3	428 Lansdowne Ave., Westmount	EL 7059
Eisenstat, Jack	Dent. 3	2505 Notre Dame St. W., Montreal	WI 6237
Eliasoph, Annette H.	B.Sc. 3	4040 Vendome Ave., Montreal	WA 2272
Elie, Jean-Paul	Com. 1	1190 Seymour Ave., Montreal	WI 4735
Eliot, Charles G.	B.Sc. 3	4385 Western Ave., Montreal	FI 4786
		148 Elgin St., Ottawa, Ont.	
Elkavich, Frank D.	Med. 2	252 Pine Ave. W., Montreal	HA 3889
		16 Worcester St., Nashua, N.H.	
Elkin, Eugene M.	Grad. Sch.	490 Prince Arthur St. W., Apt. 7, Montreal	MA 0621
		Winnipeg, Man.	
Elkin, Evelyn I.	B.A. 3	45 Chesterfield Ave., Westmount	EL 9621
Elliot, Donald V.	Com. 1	3538 Grey Ave., Montreal	DE 6615
Elliot, Elizabeth H.	B.A. 4	4476 Western Ave., Westmount	WE 6515
Elliott, Harold W.	Med. 3	3667 Jeanne Mance St., Montreal	HA 5427
		P. O. Box 106, Cache Bay, Ontario	
Elliott, Kathleen M.	Med. 4	5525 Decarie Blvd., Montreal	EL 6513
Ellis, George H.	Med. 5	3509 Lorne Ave., Montreal	LA 5037
		1893 Davenport Rd., Toronto, Ont.	
Ellis, Margaret I.	B.A. 2	6232 Hamilton St., Montreal	FI 7532
Ellis, Marjorie W.	B.Sc. 3	217 Ballantyne Ave., N., Montreal West	WA 6642
		Rothesay, New Brunswick	
Ellsworth, H. Charles	Med. 5	1058 St. Denis St., Montreal	HA 0126
		Bangor, New York	
Ellyett, Leslie T.	Com. 2	3510 Jeanne Mance St., Montreal	HA 1316
		St. Eustache Sur Le Lac, Quebec	
Elwood, Edward C.	B.A. 3	3605 University St., Montreal	MA 3101
		671–20 St. W., Prince Albert, Sask.	
Emanuele, Hugo	Med. 2	418 Pine Ave. W., Montreal	LA 9366
		1370 East 18th Ave., Vancouver, B.C.	
Endler, David	B.Sc. 1	3913 St. Denis St., Montreal	PL 0293
Enman, Elisabeth L.	B.A. 2	Royal Victoria College, Montreal	MA 9176
		Rothesay, New Brunswick	
Enright, Mary H.	Grad. Nurse 1	525 Prince Arthur W., Montreal	MA 6649
		Frampton, Que.	
Entwistle, Dorothy E.	B.Sc. 2	3858 Joseph St., Verdun	
Erickson, Theodore C.	Grad. Sch.	Dept. Neurosurgery, R.V. Hospital	PL 5990
		1403 Chelmsford St., St. Paul, Minn.	
Esdaile, Hector M.	Eng. 2	3450 Melrose Ave., Montreal	DE 4702
Esmond, Douglas C.	Eng. 4	3592 University St., Montreal	PL 2435
		Windsor, Ontario	
Estano, Margaret C.	B.A. 2	71 Arlington Ave., Westmount	WE 6500
Estano, Verne W. T.	Com. 4	71 Arlington Ave., Westmount	WE 6500
Etziony, Mordecai	Med. 2	3888 Rivard St., Montreal	HA 0049
Evans, Stuart C.	B.A. 4	570 Milton St., Montreal	PL 3506
		20 Clemow Ave., Ottawa, Ont.	
Evelyn, Kenneth A.	Med. 1	3493 Shuter St., Montreal	MA 9759
		Duncans, Jamaica, B.W.I.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Evens, William E.	Com. 3	4555 Sherbrooke St., Apt. 49, Westmount	WE 2838
Ewart, Alexander L.	B.Sc. 2	Strathcona Hall, Montreal 2236 Hyde St., Honolulu, Hawaii.	PL 1156
Fabbro, Louis N.	Arch. 3	3511 Shuter St., Montreal 249 Lorne St., Sudbury, Ontario	LA 1570
Fairbairn, Edwin J.	Med. 3	640 Prince Arthur St. W., Montreal. 2214–10th Ave. N., Seattle, Wash.	MA 9531
Fairie, G. Eloise	Arts P.	1165 Mountain St., Montreal	MA 8705
Falle, George G.	B.A. 3	124 Arlington Ave., Westmount	WE 1974
Fallows, Thomas B.	Com. 1	3477A Hutchison St., Montreal. 333 King George Terrace, Victoria, B.C.	MA 8893
Falls, William K.	B.Sc. 3	3506 University St., Montreal 342 Champlain St., St. John's, Quebec.	MA 2055
Farmer, Eric W.	Grad. Sch.	90 Can. Marconi Co., Town of Mount Royal Ste. Therese, Quebec	AT 5644
Farmer, Kenneth P.	Com. 4	30 Maple Ave., Ste. Anne de Bellevue, Que.	Ste.A.117
Farquharson, Hugh M.	Law 3	369 Clarke Ave., Apt. 2, Westmount	MA 2806
Farrell, Desmond	B.Sc. 1	1321 Sherbrooke St. W., Montreal.	MA 8254
Farrell, Dominic M	Com. 4	1321 Sherbrooke St. W., Montreal.	MA 8254
Farrell, Peter R. M.	Arts P.	3473 University St., Montreal 23 Comeragh Rd. W., Kensington, London, England	MA 4902
Farren, Helen E.	B.A. 3	Royal Victoria College, Montreal. 64 McMaster St., Ballston Spa, N.Y.	MA 9176
Faulkner, George V.	Med. 5	3500 Durocher St., Apt. 3 101 Bridge St. E., Belleville, Ontario	LA 6243
Fee, Beatrice P.	B.A. 3	534 Prince Arthur St. W., Montreal.	MA 5500
Fee, Morton E.	Eng. 1	3454 Peel St., Montreal St. Hyacinthe, Que.	PL 1674
Feeny, H. F Harold	B.Sc. 1	1891 Masson St., Montreal	
Feigenbaum, Max	B.A. 4	397 St. Joseph Blvd. W., Apt. 4, Montreal	HA 1464
Feiner, Abraham	Law 3	1473 Dorion St., Montreal	CH 6613
Fels, Seymour S.	B.A. 2	1469 Mount Royal Ave. E., Montreal	FR 1609
Feltner, John B.	Med. 3	3602 Durocher St., Montreal Stuyvesant Falls, N.Y.	
Ferguson, Alexander J.	B.Sc. 3	657 Cote St. Antoine Rd., Montreal.	EL 8290
Ferguson, Graham W.	B.A. 1	Chateau Apt. A80, Sherbrooke St. W., Montreal	PL 6642
Ferguson, James B.	Eng. 3	32 Maxwelton Apt's, 900 Sherbrooke St., Montreal P. O. Box 260, Pictou, Nova Scotia	LA 1073
Fergusson, Celia	B.Sc. 1	4708 Western Ave., Westmount	WE 3267
Fetterly, Helen V.	B.A. 3	2150 Sherbrooke St. W., Montreal. 132 Second St. E., Cornwall, Ont.	WI 7504
Fetterly, Marjorie V.	B.A. 2	2150 Sherbrooke St. W., Montreal. 132 Second St. E., Cornwall, Ont.	WI 7504
Filion, Paul	Eng. 2	660 Dollard Blvd., Outremont	AT 5441W
Filson, Homer W.	Med. 4	3571 Shuter St., Montreal 219 W. 4th St., Erie, Pa.	MA 7482
Finck, Mary B.	B.A. 3	Royal Victoria College, Montreal. 143 Elmer St., Westfield, N.J.	MA 9176
Findlay, Gordon H.	Grad. Sch.	Macdonald College, Quebec Lennoxville, Que.	Ste.A.166
Findlay, Hugh J.	B.A. 2	3434 McTavish St., Montreal Carleton Place, Ontario	PL 6773
Findlay, Kenneth C.	Com. 3	3434 McTavish St., Montreal Carleton Place, Ontario	PL 6773
Finkel, Henry	Arch. 5	4395 Clarke St., Montreal	
Finkelstein, Isidore	B.A. 2	2146 Northcliffe Ave., Montreal.	EL 0664
Finkelstein, Issie	Eng. 3	137 Dorchester St. W., Montreal.	LA 2027
Finlayson, Duncan A.	Grad. Sch.	Macdonald College, Quebec Ormstown, Quebec	
Finlayson, Leonard R.	Grad. Sch.	246 Charles St., Belleville, Ont.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Finley, John A.	Med. 2	514 Pine Ave. W., Montreal	MA 8998
		192 King St. E., Saint John, N.B.	
Fischer, Jacob B.	Com. 2	4132 Laval Ave., Montreal	BE 1348
Fisher, Reuben	Arch. 2	381 Edward Charles, Apt. 5, Montreal	CR 3673
Fisher, William G.	Eng. 1	3483 Peel St., Montreal	PL 3396
		4021–5th St. W., Calgary, Alta.	
Flack Kathleen I. M.	Grad. Sch.	4964 Earnscliffe Ave., Montreal	EL 2914
Flanagan, Eileen C.	B.A. 4	Royal Victoria College, Montreal	MA 9176
		Royal Victoria Hospital, Montreal	
Fleck, John	Arts P.	3485 McTavish St., Montreal	PL 1649
		162 Thistle St., Camelon, Falkirk, Scotland	
Fleishman, Maurice H.	Arch. 3	4054 Dorchester St., Montreal	WI 6972
Fleming, Donald S.	Med. 3	4326 Coolbrooke Ave., Montreal	EL 3386
Fleming, Robert P.	Arch. 2	Delson Junction, Quebec	Lap. 140
Fletcher, Jonathan	B.A. 2	3485 McTavish St., Montreal	PL 1649
		Ballymena, Co. Antrim, Ireland	
Flood, Francis P. W.	Med. 1	733 de l'Epee Ave., Outremont	CR 3513
Floud, Gwendolyn J.	B.A. 3	20 Thornhill Ave., Westmount	WE 1065
Fluhmann, V. May	Music	44 Victoria Ave., St. Lambert	St. L. 327W
Flynn, Simon A.	Med. 1	3559 University St., Montreal	MA 2693
		142 St. Jerome Ave., Holyoke, Mass.	
Foggo, Cyril W.	B.A. 3	3506 University St., Montreal	MA 2055
		Ardoch, Towncourt Crescent, Petts Wood, Kent, England.	
Fontaine, Lucienne, E.	B.A. 4	5957 Toulouse St., Montreal	CL 7080J
Foote, Charles	Theol. 1	3485 McTavish St., Montreal	PL 1649
		Mid Musquodoboit, N.S.	
Foote, E. G. B.	Theol. 1	3485 McTavish St., Montreal	PL 1649
		Barney's River, N.S.	
Foote, William R.	Med. 5	495 Prince Arthur W., Montreal	MA 9948
		1546–12th Ave. W., Vancouver, B.C.	
Forbes, Donald T.	Eng. 2	5185 Brillon Ave., Montreal	EL 2485
		70 Russell Ave., Ottawa, Ont.	
Forbes, Gordon R.	Eng. 1	Acadia Apt's, Sherbrooke St., Apt. 105, Montreal	
Forbes, John S.	Law 1	11188 St. Julie St., Montreal East	Pte. Aux Trembles 58
Ford, Mary H.	B.A. 3	3436 Durocher St., Apt. 4B, Montreal	LA 6535
		Cowansville, Quebec	
Forrest, Margaret E.	B.A. 2	763 Upper Lansdowne Ave., Westmount	EL 6080
Foster, Barbara M.	Arts P.	23 Holton Ave., Westmount	FI 6851
Foster, George E.	Med. 2	3552 Hutchison St., Montreal	HA 5765
		169 George St., Fredericton, N.B.	
Foster, Ian M.	Eng. 2	6187 Terrebonne Ave., Montreal	DE 1251
Foster, Margaret E.	B.A. 1	321 Roslyn Ave., Westmount	DE 6365
Fournier, Gabriel M. L.	B.Sc. 1	538 St. Catherine Rd., Montreal	AT 7278
Fournier, Paul S.	Law 1	4565 Adam St., Montreal	CL 5483F
Fowler, Frances L.	Grad. Sch.	2045 Stanley St., Apt. 15, Montreal	MA 3968
		Riondel, B.C.	
Frankel, Paul H.	Eng. 3	460 Strathcona Ave., Westmount	WE 3763
Frankton, Clarence	B.Sc. 2	4460 Delorimier Ave., Montreal	AM 4621
Fraser, Alexander M.	Med. 2	495 Prince Arthur W., Montreal	LA 3840
		Scotsburn, Nova Scotia	
Fraser, Allan D. W.	Eng. 4	1239 Van Horne., Montreal	
Fraser, Gordon E.	Eng. 2	1239 Van Horne Ave., Montreal	
Fraser, John R.	Com. 4	3637 University St., Montreal	MA 1824
		73 Delisle Ave., Toronto, Ont.	
Freeborn, Grace M.	Grad. Sch.	107 St. Joseph St., Dorval, Que.	Lch 1719
		646–12th Ave. W., Vancouver, B.C.	
Freeman, Claire L.	B.A. 2	Royal Victoria College, Montreal	MA 9176
		445 W. 2nd St., Cornwall, Ont.	
Freeman, James M.	B.A. 3	3485 McTavish St., Montreal	PL 1649
		1005–13th Ave. W., Calgary, Alta.	
Freeman, Robert G.	Med. 3	3650 Oxenden, Apt. 4, Montreal	LA 1880
		675 Magnolia Ave., Pasadena, California	
French, Beryl E.	Phys. Ed. 2	4219 Marcil Ave., Montreal	DE 8946

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
French, Philip B.	Eng. 4	456 Pine Ave. W., Montreal	MA 3095
Friedman, Moe H. F.	Grad. Sch.	5182 Esplanade Ave., Montreal	CR 3634
Friedman, Reuben	B.Sc. 3	5484 Casgrain Ave., Montreal	
Friedman, Sydney M.	B.A. 1	5725 Hutchison St., Apt. 4, Montreal	DO 8523
Friefeld, Saul	B.Sc. 1	4569 Esplanade Ave., Montreal	
Froats, E. B.	Theol. 3	3506 University St., Montreal	MA 2055
		130 Hinton Ave., Ottawa, Ont.	
Frost, John W.	Med. 3	3637 University St., Montreal	MA 1824
		1619–25th Ave., Vancouver, B.C.	
Fulford, G. Lloyd	Theol. 3	3485 McTavish St., Montreal	MA 1649
		Arnprior, Ontario	
Fuller, Peter C.	B.Sc. 1	2938 Baldwin Ave., Montreal	CL 4758J
Fullerton, Douglas H.	B.Sc. 1	4701 Victoria Ave., Montreal	EL 2187
Fyfe, Helen G.	B.A. 2	312 Ballantyne Ave., Montreal West.	WA 0857
Gagnon, Georges	Eng. 1	50 Church St., St. Laurent, Que.	BY 0696
Gagnon, Napoleon	Dent. 3	1251 St. Andre St., Montreal	HA 2697
Gahan, Henry M.	Med. 4	3629 Lorne Crescent, Montreal	MA 6945
		19 Washington St., Medford, Mass.	
Galbraith, Elizabeth R.	B.A. 2	20 Aberdeen Ave., Westmount	WE 5570
Gales, David L.	Law 2	Acadia Apts., Sherbrooke St. W., Montreal	LA 9507
Galkin, Nathan J.	Dent. 4	3475 Jeanne Mance St., Montreal	HA 6717
		108 Lincoln Ave. W., Mount Vernon, N.Y.	
Gallaher, Logan V.	Arch. 4	3485 McTavish St., Montreal	PL 1649
		428 Alfred St., Kingston, Ontario	
Galloway, K. C.	Theol.	5414 Coolbrook Ave., Montreal	DE 1978
Gamble, Fred	Eng. 4	1444 Fort St., Montreal	WI 3425
		McMasterville, Quebec	
Gannon, Joseph M.	Med. 4	3578 University St., Montreal	MA 1074
		459 Franklin Ave., Brooklyn, N.Y.	
Garber, Alfred	B.Sc. 2	4444 Henri Julien Ave., Montreal	LA 7470
Garber, Morris	B.A. 1	4081 Esplanade Ave., Montreal	BE 1067
Garcelon, Gerald G.	Med. 4	3433 Peel St., Montreal	PL 2073
		Dark Harbor, Maine	
Garden, Joseph M.	Com. P.	3459 Shuter St., Montreal	HA 8380
Gardiner, Gerard L.	Com. 1	82 Edison Ave., St. Lambert, Que.	St.L. 343
Gardner, Bella	B.A. 4	4462 Sherbrooke St., Montreal	WE 1793
		201 Bougainville Ave., Quebec City.	
Gardner, Joseph	Com. 2	2050 Grey Ave., Westmount	DE 1741
		201 Bougainville, Quebec City, Que.	
Garlick, Margaret I.	B.Sc. 3	3758 St. Hubert St., Montreal	HA 5415
Garmaise, Maurice T.	B.A. 3	5279 St. Urbain St., Montreal	DO 1085
Garneau, Edouard	B.A. 3	3456 University St., Montreal	MA 9703
Garnham, George F.	B.A. 3	3473 University St., Montreal	MA 4902
		c/o 23, Longford Terr., Bradford, Yorks, England	
Garol, Hugh W.	Med. 1	1025 Sherbrooke St. W., Montreal	PL 6508
		454 Vernon St., San Francisco, Calif.	
Garron, Levon K.	Med. 3	3433 Peel St., Montreal	PL 2073
		Rt. 1 Box 133, Fowler, Calif.	
Gascoigne, Thomas G.	B.A. 4	1441 Drummond St., Montreal	MA 4171
		11 Lockharton Gardens, Edinburgh, Scotland	
Gauthier, J. Esmond	Law 1	5588 Dunmore Ave., Montreal	AT 6405
Gemmell, Kenneth R.	B.A. 3	495 Prince Arthur St., Apt. 17, Montreal	LA 4737
		Martinville, Quebec	
Gerson, Sydney	Arch. 3	723 Stuart Ave., Montreal	AT 2894
Gfeller, Frederick	Grad. Sch.	Macdonald College, Ste. Anne de Bellevue	
		1023 Gladstone Ave., Ottawa.	
Gibbard, Harold A.	Grad. Sch.	495 Prince Arthur St. W., Apt. 21, Montreal	LA 5318
		2509 Royal Oak Ave., New Westminster, B.C.	
Gibbon, John	Com. 3	29 Perrault Ave., Ste. Anne de Bellevue, Que.	Ste.A.157
Giblin, Norris	Grad. Sch.	Biological Building, McGill University, Montreal	FI 1778
Gibson, George B.	Eng. 1	381 Villeneuve Ave. W., Montreal	CR 6174

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Gibson, William C.	Med. 1	3657 Oxenden Ave., Montreal	MA 5486
		822 Linden Ave., Victoria, B.C.	
Gilbert, Gordon L.	Med. 2	3650 Oxenden Ave., Montreal	
		110 W. 6th Los Angeles, Calif.	
Gilbert, Isabel D.	Med. 4	548 Prince Arthur W., Montreal	MA 7845
		Sharon, Conn.	
Gilchrist, Joan C.	B.A. 1	216 Lazard Rd., Town of Mount Royal	AT 6225
Gilday, Angus M.	Eng. 1	3295 Cedar Ave., Westmount	WE 3182
Gildea, William F. P.	Eng. 2	3647 University St., Montreal	MA 2806
		c/o C.P.R., Brownville Jct., Maine	
Gillean, Watson	Law 2	604 Clarke Ave., Westmount	WE 5988
Gillick, William C.	Med. 1	3534 University St., Montreal	PL 6024
		929 Ferry Ave., Niagara Falls, N.Y.	
Gillis, Charles M.	B.Sc. 1	1880 Wellington St., Montreal	FI 1993
Gillmeister, Elsie J.	B.A. 1	629 Rockland Ave., Outremont	AT 5807
Gillmeister, Harold	Com. 1	629 Rockland Ave., Outremont	AT 5807
Gillmeister, Wilfred A.	B.A. 2	629 Rockland Ave., Outremont	AT 5807
Gilman, Lucius	Grad. Sch.	Strathcona Hall, Montreal	PL 1156
		333 W. Hurlbut Ave., Belvidere, Ill.	
Gilmore, Norman J.	B.A. 1	760 Manning Ave., Verdun, Que.	YO 1605
Gilmour, Ruth	B.A. 4	532 Milton St., Montreal	HA 0930
		75 Park Ave., Quebec City	
Gilmour, Samuel C.	Com. 1	22 Renfrew Ave., Westmount	WE 2455
Gilroy, Geoffrey S.	Grad. Sch.	1441 Drummond St., Montreal	MA 4171
		Smiths Falls, Ont.	
Gilson, Paul C.	Med. 2	539 Pine Ave., Montreal	MA 7818
		So. Dos Palos, California	
Girard, Raoul	Eng. 3	27 McNider Ave., Outremont	DO 6797
Girvan, George R.	Med. 4	3433 Shuter St., Montreal	MA 6935
		167 Weldon St., Moncton, N.B.	
Gishler, Paul E.	Grad. Sch.	2019 Stanley St., Montreal	
		568 College Ave., Winnipeg, Man.	
Gitnick, Philip J.	Dent. 3	4313 St. Dominique St., Montreal	BE 3231
Gitterman, Sam A.	Arch. 4	5134 Jeanne Mance St., Montreal	CR 1422
Gladman, Arthur E.	B.Sc. 1	1015 Sherbrooke St. W., Montreal	MA 4418
		317 Buffalo St., Fulton, N.Y.	
Glashan, George	B.Sc. 1	5261 Cartier St., Montreal	AM 2498
Gobeil, Antoine R.	Grad. Sch.	Macdonald College, Que.	Ste.A.470
		La Patrie Co., Compton, Que.	
Gold, Meyer	B.Sc. 1	3591 St. Urbain St., Montreal	HA 0660
Gold, Simon H.	B.Sc. 1	4837 Esplanade Ave., Montreal	DO 9863
Goldenberg, Mark E.	B.A. 4	4200 Sherbrooke St. W., Apt. 12, Montreal	FI 0737
Goldfine, Annabel	Arts P.	4278 Sherbrooke St. W., Apt. 2, Montreal	FI 5859
Goldfine, Marvyn J.	B.A. 3	4278 Sherbrooke St. W., Montreal	FI 5859
Goldman, Mary	Arts P.	796 Champagneur Ave., Apt. 1, Outremont	AT 7193
Golfman, Myer	Med. 3	5940 Sherbrooke St. W., Apt. 3, Montreal	EL 8470
Goldstein, Charles	B.A. 2	1564 Van Horne Ave., Montreal	AT 2249M
Goldstein, Joseph R.	B.A. 3	1377 Lajoie Ave., Montreal	AT 1276
Goldstein, Solly J.	B.Sc. 3	4669 Hutchison St., Montreal	DO 5801
Goldwater, Gitelle	B.A. 4	2281 Souvenir Ave., Montreal	WI 3994
Gomez, René E.	Com. 1	Strathcona Hall, Montreal	PL 1156
		Mendez Vigo 162, Mayaguez, Porto Rico.	
Goode, Robert C. J.	Grad. Sch.	1488 Crescent St., Montreal	LA 0463
		49 Westbourne Gardens, London W. 2, England	
Goodfellow, George D.	Eng. 2	7 Richelieu Place, Montreal	PL 3902
Goodfellow, J. E. Thornley	Arts P.	4765 Grosvenor Ave., Montreal	DE 4326
Goodman, David	B.A. 4	5239 Durocher Ave., Montreal	CR 8776
Goodrich, Geneva E.	Med. 3	3466 University St., Montreal	MA 2608
		181 Prospect Blvd., Waterloo, Iowa	
Goodstone, Gerald L.	Med. 3	632 Outremont Ave., Outremont	AT 4572W
Gordon, Alec L.	B.Sc. 3	634 Victoria Ave., Westmount	EL 2760
Gordon, Crawford	Com. 3	3637 University St., Montreal	MA 1824
		9 Cambridge Gate, Regent's Park, London, England	
Gordon, Dora	Dent. 4	397 St. Joseph Blvd. W., Apt. 3, Montreal	DO 9928

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Gordon, Flora H.	B.Sc. 1	Royal Victoria College, Montreal	MA 9176
		21 Villa Ave., Charlottetown, P.E.I.	
Gordon, Lionel	B.Sc. 1	4118A Clarke St., Montreal	BE 1795
Gordon, Mark E.	B.A. 1	428 Wood Ave., Westmount	FI 7341
Gordon, W. B. Pete	B.A. 4	1441 Drummond St., Montreal	MA 4171
		369 Hunter St., Peterborough, Ont.	
Gordon, William V.	Eng. 1	1441 Drummond St., Montreal	MA 4171
Goring, Gilman R.	Eng. 1	68 O'Brien Blvd., Montreal	BY 0745
Gorman, Lawrence F.	Com. 3	3434 McTavish St., Montreal	PL 6773
		314 Clemow Ave., Ottawa, Ont.	
Gormley, Eugene G.	Med. 1	3419 University St., Montreal	MA 3089
		Lancaster, N.H.	
Gorrell, Douglas S.	Med. 3	545 Pine Ave. W., Montreal	LA 6886
		2302 Cornwall St., Regina, Sask.	
Gough, Georgia M.	Grad. Nurse 1	1615 Cedar Ave., Montreal	FI 4661
		R.R. 2, Jefferson, S. Dak.	
Gough, William F.	Med. 5	1465 MacKay St., Montreal	LA 9681
Gould, Arthur H. G.	B.A. 2	4113 Sherbrooke St., Westmount	FI 3133
Gould, Helen F.	B.A. 1	4113 Sherbrooke St., Westmount	FI 3133
Goulding, Velma J.	Grad. Sch.	Royal Victoria College, Montreal	MA 9176
		67 St. George St., Toronto, Ont.	
Gowans, David K.	Arch. 3	103 Sunnyside Ave., Wesmount	EL 4700
Gowans, Marjorie S.	Arts P.	103 Sunnyside Ave., Westmount	EL 4700
Gradinger, Samson	Dent. 1	3467 Prud'homme Ave., Montreal	DE 4136
Graham, Alvyn A.	Com. 4	35 Stratford Rd., Hampstead	EL 7235
		Scotstown, Que.	
Graham, Charles A.	Eng. 4	1441 Drummond St., Montreal	MA 4171
		Chesterville, Ontario	
Gralnick, Isidore	Music	3982 DeBullion St., Montreal	PL 3647
Grant, Edwin N.	B.A. 2	3637 University St., Montreal	MA 1824
		c/o Parke, Davis & Co., Walkerville, Ont.	
Grant, John A.	Eng. 4	475 Argyle Ave., Westmount	WE 5260
Grant, Mary J.	B.A. 4	475 Argyle Ave., Westmount	WE 5260
Grant, William T.	Com. 4	3637 University St., Montreal	MA 1824
		45 Willistead Crescent, Walkerville, Ont.	
Grassby, Hugh G.	Eng. 4	1241 Fort St., Montreal	FI 9368
		160 Yale Ave., Winnipeg, Man.	
Gratton, Fernand W.	Com. 2	724 Hartland Ave., Outremont	AT 4684
Grauer, Frederick W.	Med. 3	640 Prince Arthur St. W., Montreal	MA 9531
		Eburne P.O., British Columbia	
Gray, Dorothy M. G. M.	B.A. 2	3479 Connaught Ave., Montreal	WA 6779
Gray, Edward L.	Com. 4	596 Cote St. Antoine Rd., Westmount	DE 1203
Gray, Kenneth R.	Grad. Sch.	3482 Durocher St., Montreal	MA 3485
		1339 Barclay St., Vancouver, B.C.	
Gray, Richard H.	Eng. 2	3501 Lorne Ave., Montreal	MA 2706
		70 Cromarty St., Sydney, N.S.	
Graydon, Alexander S.	B.A. 1	3036 St. Sulpice Road, Montreal	FI 8527
Green, William O.	Med. 4	3566 University St., Montreal	MA 7205
		Cranbrook, B.C.	
Greenblatt, Sam	B.A. 2	4841 Jeanne Mance St., Montreal	DO 0556
Greenberg, Ethel	Music	4797 Victoria Ave., Westmount	EL 1854
Greenwood, Sydney H. J.	B.Sc. 2	5415 Brodeur Ave., Montreal	EL 5704
Gregory, Jack H.	Eng. 4	3607 Park Ave., Montreal	HA 6886
		292 Waverley St., Winnipeg, Man.	
Gregory, Mary F.	Arts P.	4081 Highland Ave., Montreal	FI 4272
Gregory, Ruth H.	B.A. 4	3482 Durocher St., Montreal	MA 3485
		c/o Mrs. A. L. Flaws, 874 Avenue Road, Toronto, Ont.	
Gregson, Roland H.	Com. 3	819 Dollard Ave., Montreal	AT 2517
Greig, Margaret E.	Arts P.	548 Prince Arthur St., Montreal	MA 7845
		Valleyfield, Que.	
Grell, John H. C.	Grad. Sch.	Macdonald College, Que.	
		Roseau, Dominica, B.W.I.	
Gribbins, Gordon H.	Eng. 1	157 Bedbrook Ave., Montreal West	WA 0058M
		661 Ashburn St., Winnipeg, Man.	
Grier, Archibald E.	Com. 1	44 Aberdeen Ave., Westmount	WE 3101
Grier, Constance	B.A. 2	1537 St. Matthew St., Apt. 14, Montreal	WI 2960
		Campbellton, N.B.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Grier, Thornton D.	B.A. 3	536 Mount Pleasant Ave., Westmount	WE 3954
Griffin, Cynthia H.	B.A. 2	Royal Victoria College, Montreal	MA 9176
		17 Rochambeau Rd., Scarsdale, N.Y.	
Griffith, Charles B.	Dent. 1	1015 Sherbrooke St. W., Montreal	MA 4418
		Westport, New York	
Griffiths, Henry J.	Grad. Sch.	Macdonald College, Que.	Ste. A. 166
		Berwick, N.S.	
Grigg, Arthur P.	Med. 4	406 Pine Ave. W., Apt. 64, Montreal	MA 9598
		325 N. Fayette St., Saginaw, Mich.	
Grimes-Graeme, Arthur D. C.	Com. 3	2020 Victoria St., Apt. 13, Montreal	LA 6841
		155 East 73rd St., New York City	
Grimes-Graeme, Rhoderick C. H.	Grad. Sch.	2020 Victoria St., Apt. 13, Montreal	LA 6841
		155 East 73rd St., New York City	
Grindley William E.	Com. 4	474 Grosvenor Ave., Westmount	DE 4628
Grintuck, Abraham	B.Sc. 2	6080 Hutchison St., Outremont	DO 3189
Grisdale, Simpson V.	Eng. 3	3434 McTavish St., Montreal	PL 6773
		Iroquois, Ontario	
Griswold, Howard B.	B.Sc. 1	500 Prince Albert Ave., Westmount	DE 1042
Groom, Margaret M.	B.A. 2	115 Brock Ave. N., Montreal West	WA 3011
Gropper, Nathan F.	Dent. 2	4833 Esplanade Ave., Montreal	DO 6235
		Saskatoon, Sask.	
Gross, Clarence R.	B.A. 2	2 Northcote Rd., Hampstead	DE 9553
Grossman, Arnold A.	B.A. 3	5418 Jeanne Mance St., Montreal	DO 1925
Gruber, Abraham	B.A. 2	3791 Girouard Ave., Montreal	DE 2678
Guadagni, Frank L.	Eng. 1	3416 Jeanne Mance St., Montreal	MA 9994
Guay, Louis P.	Law 2	534 Sherbrooke St. W., Montreal	HA 4709
		Murray Bay, Charlevoix-Saguenay, Que.	
Guilboard, Thomas I.	Dent. 2	4285 Hampton Ave., Montreal	DE 0312
Gunning, Merle P.	Eng. 3	591 Notre Dame Ave., St. Lambert, Que.	St. L. 778J
Gurd, Fraser N.	B.A. 4	3180 The Boulevard, Westmount	FI 3855
Gustafson, C. J.	Theol. 3	3506 University St., Montreal	DE 1978
		Waterville, Que.	
Guy, Mary E.	B.A. 4	6196 Notre Dame de Grace Ave., Montreal	EL 0813
Gwilliam, Harry	B.A. 1	15024 Notre Dame St., Pointe-Aux-Trembles	Pte. Aux Trembles 191
Haber, Harold E.	Dent. 3	5627 Hutchison St., Montreal	DO 7146
Hadwin, Mildred J.	B.A. 3	112 Birch Ave., St. Lambert	St. L. 47
Haeberlin, John B.	Med. 4	3641 St. Famille St., Apt. 29, Montreal	LA 4732
		7136 Princeton Ave., Chicago, Ill.	
Hagerman, Verna B.	Grad. Sch.	3490 Shuter St., Montreal	MA 2898
		Woodstock, N.B.	
Hagerty, Edward D.	Med. 3	539 Pine Ave. W., Montreal	MA 7818
		4 Broad St., Nashua, New Hampshire	
Hahman, Paul T.	Med. 3	545 Pine Ave. W., Montreal	MA 1545
		Santa Rosa, Calif.	
Hale, Margaret E.	B.A. 2	658 Belmont Ave., Westmount	WE 2083
Halet, Robert A. F.	Grad. Sch.	456 Pine Ave. W., Apt. 34, Montreal	LA 2696
Haley, Robert B.	B.A. 2	Trafalgar Apts., Montreal	FI 6189
Halfyard, C. W.	Theol. 1	344 Willibrord Ave., Verdun, Que.	
Halpenny, Gerald W.	Med. 5	690 Sherbrooke St. W., Montreal	LA 7141
		117 First St. East, Cornwall, Ont.	
Halpenny, Gwendolyn M.	Lib. Sch.	Kent Apts., 648 Sherbrooke St. W., Montreal	LA 9870
		117 First St., East, Cornwall, Ont.	
Hall, Allan S.	Med. 4	2007 Mansfield St., Apt. 22, Montreal	LA 8683
		9904–108th St. Edmonton, Alta.	
Hallett, Robert B.	B.A. 4	3506 University St., Montreal	MA 2055
		9 Romilly Road, Canton, Cardiff, S. Wales	
Hallsworth, Kenneth	B.Sc. 2	6132 Durocher St., Outremont	DO 4289
Hamilton, Agnes E.	Com. 3	640 Stuart Ave., Outremont	AT 2596
Hamilton, Eric L.	Com. 4	6 Winchester Ave., Westmount	DE 1259
Hamilton, James	B.A. 1	3506 University St., Montreal	MA 2055
		Carnmoney, Belfast, Ireland	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Hamilton, James S.	Med. 2	26 Edgehill Road, Westmount	WE 2293
Hamilton, Janet	B.A. 3	26 Edgehill Road, Westmount	WE 2293
Hamilton, Catharine	B.A. 3	Royal Victoria College, Montreal	MA 9176
		49 Elm St., Potsdam, N.Y.	
Hamilton, Mary V.	B.A. 3	26 Edgehill Road, Westmount	WE 2293
Hamilton, Robert M.	Arts P.	23 Nineteenth Ave., Lachine	Lch. 490
Hamilton, Sydney R.	B.Sc. 4	1120 Bernard Ave., Apt. 27, Montreal	DO 3850
Hammond, Herbert C.	Arch. 2	3429 Peel St., Montreal	PL 7385
		1045 Belmont Ave., Victoria, B.C.	
Hankin, Edmund A.	Eng. 4	648 Murray Hill, Westmount	WE 6442
Hankin, Leonora F.	B.A. 1	648 Murray Hill, Westmount	WE 6442
Hanson, A. George	Med. 4	545 Pine Ave. W., Montreal	MA 1545
		Enumclaw, Washington, U.S.A.	
Hanson, Olof W.	Com. 1	1441 Drummond St., Box 1013, Montreal	MA 4171
		Drawer "L" Smithers, B.C.	
Harbert, Richard G. M.	B.Sc. 4	3772 Marlowe Ave., Montreal	DE 8266
Harding, Edith L.	Grad. Nurse P.	Nurses Home, Royal Victoria Hospital, Montreal	PL 1251
		Bishop's Court, College Ave., Regina, Sask.	
Harkness, Gwendolyn M.	B.A. 1	232 Portland Ave., Montreal	AT 3266
Harkness, James	Med. 3	301 Sherbrooke, Lachine	Lch 1820
Harkness, Margaret L.	B.A. 1	232 Portland Ave., Montreal	AT 3266
Harlow, Charles M.	Grad. Sch.	1911 Tupper St., Montreal	WI 6436
		154 Willow St., Truro, N.S.	
Harper, Doreen M.	Lib. Sch.	Royal Victoria College, Montreal	MA 9176
		63 Sewell St., St. John, N.B.	
Harrington, Conrad F. H.	Law 1	24 Ramezay Road, Westmount	FI 7729
Harrington, John M.	B.Sc. 3	3610 Durocher St., Apt. 28, Montreal	HA 0481
Harris, Abe A.	B.Sc. 2	5144 St. Urbain St., Montreal	CR 6768
Harris, Aubrey V.	Com. 3	Strathcona Hall, Montreal	PL 1156
		700 Beresford Ave., Winnipeg, Man.	
Harris, Herman L.	Dent. 4	3631 Lorne Crescent, Montreal	HA 3954
		Barton, Nova Scotia	
Harris, Terence W. E.	Eng. 4	3419 University St., Montreal	MA 3089
		766 Esquimalt Rd., Victoria, B.C.	
Harrison, David G.	Eng. 4	3637 University St., Montreal	MA 1824
		1974 Cedar Crescent, Vancouver, B.C.	
Harrison, Douglas B.	B.A. 1	3473 University St., Montreal	MA 4092
		22 College Road, Clifton, Bristol, England	
Harrison, Joseph H.	Com. 3	3592 University St., Montreal	PL 2435
		305 Grande Allée, Quebec City	
Harrison, Robert P.	Com. 3	60 Pine Ave., St. Lambert, Que.	St. L. 812W
Harrison, Ronald D.	Eng. 4	4902 Grosvenor Ave., Montreal	EL 4627
Harrison, Sybil M.	B.Sc. 4	380 Beatty Ave., Verdun	YO 3143
Harrison, Walter C.	B.Sc. 1	535 Stuart Ave., Outremont	AT 2132
Hart, Alma R.	Grad. Sch.	600 Argyle Ave., Westmount	WE 1979
Hart, Isidor R.	Law 2	4849 Hutchison St., Montreal	DO 6765
Hart, Laurence M.	B.A. 2	9 Hudson Ave., Westmount	WE 6759
Hart, Reginald G.	Med. 1	1122 Sherbrooke St. W., Montreal	LA 0734
		1824 Park Road, Calgary, Alta.	
Hart, Thornley W.	Com. 2	1498 Sherbrooke St. W., Montreal	FI 1732
Hart, Vera	Arts P.	600 Argyle Ave., Westmount	WE 1979
Hart, Wilbur J.	B.A. 4	1498 Sherbrooke St. W., Montreal	FI 1732
Hart, William R.	Com. 4	62 Forden Crescent, Westmount	WE 1930
Hartigan, John L.	Med. 2	2082 University St., Montreal	PL 0578
		13 King St., Rochester, N.H.	
Hartsough, Christopher W.	Med. 4	3478 McTavish St., Montreal	PL 7412
		2643 4th Ave., San Diego, Calif.	
Harvey, Fanny B.	Arts P.	3546 Lorne Ave., Apt. 10, Montreal	MA 5897
		Botwood, Newfoundland.	
Harvey, Fred C.	Med. 3	4982 Queen Mary Road, Montreal	DE 1047
Harvey, Thomas E.	B.A. 1	4007 Dorchester St. W., Montreal	FI 7244
Harvie, Jean E.	B.A. 3	633 Cote St. Antoine Road, Westmount	DE 4181
Haslam, Lewis C.	Med. 4	4820 Roslyn Ave., Montreal	EL 5546
		Springfield, P.E.I.	
Hasler, William J.	B.A. 4	3525 Mountain St., Montreal	PL 1421
		Larkhill, Tetbury, Glos., England.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Hatcher, Eleanor M. M.	B.Sc. 2	172–44th Ave., Lachine	Lch. 6
Hatfield, Bryce S. H.	Eng. 4	Strathcona Hall, Montreal	PL 1156
		Wolfville, N.S.	
Haughton, Thomas J.	Med. 4	3647 University St., Montreal	MA 2806
		Vankleek Hill, Ont.	
Havey, Clinton B.	Med. 1	Strathcona Hall, Montreal	PL 1156
		Stewiacke, N.S.	
Hawes, Albert E.	Arts P.	3473 University St., Montreal	MA 4902
		389 Davis St., Sarnia, Ont.	
Hawkes, H. Edward	B.Sc. 1	75 Percival Ave., Montreal West	WA 3985
Hawthorne, John J.	Med. 4	3615 University St., Montreal	PL 5990
		3039 E. 1st., Long Beach, Calif.	
Hayward, Joyce E.	B.A. 3	3437 King Edward Ave., Montreal	WA 0302
Heagerty, Stephanie F.	Com. 1	4009 Dorchester St. W., Montreal	FI 1477
		238 Powell Ave., Ottawa, Ont.	
Hearn, Lillian	Grad. Sch.	3 Winchester Ave., Westmount	DE 1930
		1820 University Drive, Saskatoon, Sask.	
Hearne, E. Marie	Arts P.	Royal Victoria College, Montreal	MA 9176
		Burford, Ontario	
Heath, Rosetta J.	B.A. 1	Royal Victoria College, Montreal	MA 9176
		Coaticook, Quebec.	
Hebb, Catherine O.	Grad. Sch.	1014 Riverview Ave., Verdun	YO 6989F
Hebb, Donald O.	Grad. Sch.	1014 Riverview Ave., Verdun	YO 6989F
Hebert, Albert J. B.	Med. 1	36–10th Ave., Lachine	Lch. 293
Hecht, Maurice	B.Sc. 1	656 Querbes Ave., Outremont	DO 1371
Hedge, Arden R.	Med. 1	2015 University St., Apt. 29, Montreal	LA 7503
		244 Liberty St., San Francisco, Calif.	
Heiber, Sol P.	Grad. Sch.	2047 Stanley St., Apt. 38, Montreal.	
		537 Shaw St., Toronto.	
Heillig, Jeannette B.	B.A. 2	346 Kitchener Ave., Westmount	FI 4136
Heise, Philip V.	Med. 1	1015 Sherbrooke St. W., Montreal	MA 4418
		259 East Broadway, Winnona, Minn.	
Helfield, Esther	B.A. 2	4322 Decarie Blvd., Montreal	EL 0860
Helperin, Gertrude	B.Sc. 1	759 Davaar Ave., Outremont	AT 2933
		74 Fifth Ave. Timmins, Ont.	
Hemens, Henry J.	Law 2	6007 Molson St., Montreal	CR 8657
Hemmett, Gordon M.	Med. 1	1441 Drummond St., Montreal	MA 4171
		29 Coolidge Ave., Glens Falls, N.Y.	
Hendleman, Jack	B.A. 3	508 Bloomfield Ave., Outremont	AT 3371F
Hendelman, Myer	B.Sc. 1	508 Bloomfield Ave., Outremont	AT 3371F
Henderson, James	B.Sc. 4	5958–20th Ave., Rosemount	CL 7701M
Henderson, Marion G.	Med. 1	3746 Cote des Nieges Rd., Montreal	FI 0860
Henderson, Rowland	Med. 1	51–17th Ave., Lachine	Lch. 13
Hendrick, Max M.	Grad. Sch.	3723 St. Hubert St., Montreal	FR 3304
Henniger, Charles F.	Eng. 4	3483 Peel St., Montreal	PL 3396
		Smiths Falls, Ontario.	
Henniger, Marion A.	Com. 2	Royal Victoria College, Montreal	MA 9176
		Box 886, Smiths Falls, Ontario.	
Henry, Arthur M.	Grad. Sch.	3788 Lacombe Ave., Montreal	EL 5907
Henry, Edward T.	Law 1	3535 Jeanne Mance St., Montreal	MA 2941
		Lennoxville, Que.	
Henry, Eleanor M.	B.A. 1	4373 Westmount Ave., Westmount	WE 6863
Henry, George R. S.	Eng. 2	1508 Crescent St., Montreal	PL 3689
Henry, Joan V. J.	B.A. 2	1508 Crescent St., Montreal	PL 3689
Herman, Harry	Law 3	5700 Clarke St., Montreal	CR 6489
Herring, George A.	Com. 1	1025 Sherbrooke St. W., Montreal	PL 6508
		84 Fifth Ave., Ottawa, Ont.	
Herschorn, Lottie R.	Grad. Sch.	4863 Victoria Ave., Montreal	DE 2326
Herzer, Richard W.	Grad. Sch.	3683 Jeanne Mance St., Montreal	PL 7343
		338 Kingsway, Winnipeg, Man.	
Hess, Geoffrey W.	B.Sc. 1	1487 Chomedy St., Montreal	WI 1547
		45 Prospect Place, New York City, N.Y.	
Hetherington, Elizabeth M.	Grad. Sch.	3642 Lorne Crescent, Montreal	MA 7991
		R.R. 1, Kilburn, N.B.	
Hetrick, Henrietta C.	B.A. 2	381 Selby St., Montreal	WI 2475
Heward, Charles D.	Com. 1	462 Mountain Ave., Westmount	WE 3643
Hibbard, Muriel E.	Lib. Sch.	1019 Sherbrooke St. W., Montreal	PL 6875
		Rothesay, New Brunswick.	
Hickey, Charles H.	Com. 3	131 Ballantyne Ave., Montreal West.	WA 0941
Hickey, Eleanor M.	B.A. 3	154 Wolseley Ave., Montreal West	WA 3491

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Hickey, M. Allan	Med. 5	131 Ballantyne Ave., Montreal West.	WA 0941
Hicks, Frederick G.	Med. 5	539 Pine Ave. W., Montreal	MA 7818
		1116 Bruce Ave., Windsor, Ontario.	
Hicks, H. Brodie	Eng. 4	4560 St. Catherine St. W., Montreal.	WE 6614
Higgerty, Mary	B.A. 4	1830 Lincoln Ave., Montreal	WI 4690
		105 Waverley St., Ottawa, Ont.	
Higgins, Denis O.	Com. 2	1390 Sherbrooke St. W., Montreal.	LA 4961
		Prescott, Ontario	
Higgins, Edward O.	Com. 4	1390 Sherbrooke St., Apt. 9, Montreal	LA 4961
		Prescott, Ont.	
Higgins, Harry S.	Med. 2	3552 Hutchison St., Montreal	HA 5765
		St. Andrews, New Brunswick.	
Higgins, Raymond F.	Med. 2	2088 University St., Montreal	MA 9540
		133 Elm St., Blackstone, Mass.	
Hill, Alfred E.	B.Sc. 1	142 Union Blvd., St. Lambert, Que.	St. L. 758F
Hill, Allison K.	Med. 5	2007 Mansfield St., Apt. 31, Montreal	LA 4631
		295 French St., Bangor, Me.	
Hill, Margaret L.	B.A. 3	2257 Clifton Ave., Montreal	DE 3270
Hill, Walter H. P.	Med. 5	1445 MacKay St., Montreal	PL 2823
Hilliard, William D.	Med. 1	1483 Atwater Ave., Montreal	WI 2017
Hilton, James H. B.	Med. 1	4167 Lasalle Blvd., Verdun	YO 2727
		95 Carling Ave., Ottawa, Ont.	
Hingston, Andrea A.	B.A. 4	1000 Sherbrooke St. W., Montreal.	LA 0379
Hirsch, Lucien	Med. 4	495 Prince Arthur St., Apt. 7, Montreal	MA 6863
		712 Manhattan Ave., Brooklyn, N.Y.	
Hitchins, Robert E.	Med. 3	545 Pine Ave. W., Montreal	MA 1545
		Frostburg, Md.	
Hobble, Harlan G.	Com. 3	1441 Drummond St., Montreal	MA 4171
		147 Portland Ave., Model City	
Hodgins, Wallace J. W.	Dent. 1	3506 University St., Montreal	MA 2055
		Shawville, Que.	
Hodgson, John B.	B.Sc. 1	3518 Grey Ave., Montreal	EL 7941
Hodgson, John S.	B.A. 1	5395 Waverley St., Montreal	CR 4065
Hogan, James J.	Med. 2	2395 Wellington St., Montreal	FI 5333
Hogg, Robert R.	Med. 2	1170 Mountain St., Montreal	PL 0283
		Charlottetown, P.E.I.	
Hogue, André J.	Eng. 3	367 Querbes, Outremont	AT 7126
Holbrook, David B.	Med. 4	6 Weredale Park, Montreal	FI 9621
		Forest Arms, Forest Hills, N.Y.	
Holland, Catherine N.	Grad. Sch	513 Outremont Ave., Outremont	AT 6582
		Westville, Nova Scotia	
Holliger, Kurt	Eng. 1	4411 Harvard Ave., Montreal	EL 4033
Hollingsworth, Alton B.	B.A. 1	3473 University St., Montreal	MA 4902
		105 Cambridge St., Ottawa, Ont.	
Holmes, Edward L.	Grad. Sch	Chemistry Department, McGill University, Montreal	
		3465 Cote des Neiges Rd., Apt. 42, Montreal	WI 2074
Holmes, Joseph W.	B.Sc. 2	6195 Notre Dame de Grace Ave., Montreal	EL 9126
Honeyman, Charles K. G.	B.Sc. 3	3506 University St., Montreal	MA 2055
		222 Third Ave., Ottawa, Ont.	
Hope, Edward J.	Com. 3	3605 University St., Montreal	MA 3101
		Hatley Park, Victoria, B.C.	
Hopper, James	Med. 1	3547 University St., Montreal	LA 4955
		Carmel, California	
Hopper, John R.	Com. 1	4015 Marlowe Ave., Montreal	DE 8842
Horn, Samuel Q. M.	Com. 3	4075 Highland Ave., Montreal	FI 7172
Horner, Cary	B.A. 1	3993 Montrose Ave., Westmount	FI 2161
Horner, Howden R.	B.Sc. 3	3993 Montrose Ave., Westmount	FI 2161
Hornig, George R.	Med. 1	3406 Durocher St., Montreal	PL 6707
		8002 Seventh Ave., Brooklyn, N.Y.	
Horowitz, Martin	B.Sc. 3	5347 St. Urbain St., Montreal	CR 9761
Horwood, James F.	Grad. Sch	460 Prince Arthur St. W., Montreal	MA 2663
		158 Patrick St., St. John's, Newfoundland	
Horwood, William O.	Eng. 1	5806 Notre Dame de Grace Ave., Montreal	DE 8063
Hough, Carl	Med. 4	3524 Shuter St., Montreal	MA 4861
		Outlook, Sask.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Houghton, James S.	B.Sc. 1	730 Upper Belmont Ave., Westmount	EL 3111
Houghton, John R.	Eng. 3	730 Upper Belmont Ave., Westmount	EL 3111
How, E. Lorraine	B.A. 4	3593 Marlowe Ave., Montreal	DE 8334
How, Margaret E.	B.A. 1	Royal Victoria College, Montreal	MA 9176
		Brooklands Apts., Bronxville, N.Y.	
Howard, Alma C.	B.Sc. 4	655 Grosvenor Ave., Westmount	EL 2587
Howard, Douglas S.	Law 1	Chalfonte Apartments, Mansfield St., Montreal	LA 5335
		"Howardene," Sherbrooke, Que.	
Howard, Gordon T.	Com. 2	3261 Cedar Ave., Montreal	WE 5530
Howard, Muriel M.	B.A. 2	630 Clarke Ave., Westmount	WE 4039
Howard, R. Palmer	Med. 2	630 Clarke Ave., Westmount	WE 4039
Howard, T. Palmer	Law 3	3261 Cedar Ave., Montreal	WE 5530
Howell, C. T.	Theol. 3	3506 University St., Montreal	MA 2055
		Carbonear, Newfoundland	
Howell, George R.	Med. 1	572 Victoria Ave., Westmount	EL 8310
Howes, Frederick S.	Arts P	71 Oak Ave., St. Lambert, Que	St.L. 1210J
Howes, Helen C.	B.A. 4	71 Oak Ave., St. Lambert, Que	St.L. 1210J
Howie, Mabel F.	Med. 3	5705 Hutchison St., Montreal	
		Pike River, Que.	
Howie, Ruth J.	Grad. Sch	5705 Hutchison St., Montreal	
		Pike River, Quebec.	
Hubbard, Sewell F.	Eng. 1	3429 Peel St., Montreal	PL 7385
		14 Cook St., Quebec City.	
Hudson, Percival A.	Med. 3	3483 Peel St., Montreal	PL 3396
		Aylmer, Quebec.	
Hudson, Ray M.	Com. 4	4488 St. Catherine St. W., Montreal	WE 4733
Huff, Ralph H.	Med. 1	1015 Sherbrooke St., Montreal	MA 4418
		71 New St., Huntington, N.Y.	
Hughes, Beverly C.	B.A. 2	4071 Oxford Ave., Montreal	WA 6834
Hughes, Frank J.	Med. 1	475 Prince Arthur St. W., Montreal	LA 6569
		U S. Gov't Sta., Gloucester City, N.J.	
Hughes, Roy A.	Med. 4	252 Pine Ave. W., Montreal	HA 3889
		Charlottetown, P.E.I.	
Hughes, Theodore J.	Med. 2	409 Prince Arthur St. W., Montreal	PL 5395
		485 Brighton Ave., Portland, Me.	
Hulbig, William J.	B.A. 3	3811 Grey Ave., Montreal	DE 3701
Hull, Carlos A.	B.A. 2	3872 Oxford Ave., Montreal	EL 5594
Hum, Thed K.	B.Sc. 1	4202 St. Catherine St., Westmount	WE 5945
Hunt, Jordan A.	Med. 2	539 Pine Ave. W., Montreal	MA 7818
		543 Blackstone Ave., La Grange, Ill.	
Hunter, Albert W. S.	Grad. Sch	156-24th Ave., Lachine, Que	Lch. 643
Hunter, Jean I.	B.A. 2	Royal Victoria College, Montreal	MA 9176
		Huntingdon, Que.	
Hunter, Muriel E.	Grad. Nurse	Nurses Home, Western Div. of Mtl. General Hospital	WI 6855
		East Florenceville, N.B.	
Hurd, Allan C.	Med. 5	515 Pine Ave., Montreal	PL 8060
		White River Junction, Vt.	
Hurry, Elizabeth	B.A. 4	4874 Westmount Ave., Westmount	DE 3627
Hurst, Donald G.	Grad. Sch	1441 Drummond St., Montreal	MA 4171
		Buckingham, Que.	
Huskins, Eunice O.	B.A. 4	3531 Lorne Ave., Montreal	LA 1338
Hutchings, M. Marion	B.A. 3	423 Lansdowne Ave., Westmount	WE 2389
Hutchins, John A.	Law 2	23 Windsor Ave., Westmount	EL 9477
Hutchinson, Thomas J.	Arts P	3506 University St., Montreal	MA 2055
		Newtown, Butler Co., Fermanagh, Ireland.	
Hutchinson, William B.	Med. 3	640 Prince Arthur St. W., Montreal	MA 9531
		6102 Keppler St., Seattle, Wash.	
Hutchison, Ada M.	Arts P	26 Aberdeen Ave., Westmount	WE 3078
Hutchison, Alex. M.	Eng. 2	4294 Montrose Ave., Westmount	FI 3275
Hutchison, George A.	B.Sc. 3	5214 Musset Ave., Montreal	EL 1789
Hutchison William L.	Eng. 4	3454 Peel St., Montreal	PL 1674
		492 Driveway, Ottawa, Ont.	
Hutton, Tom S.	Theol. 1	Fifth Ave., Verdun	
Hyams, Isadore	Dent. 2	417 St. Joseph Blvd., W., Apt. 9, Montreal	DO 6318
Hyland, Robert T.	Com. 1	696 Grosvenor Ave., Westmount	EL 4500
Ingham, Jason H.	Eng. 3	4034 Dorchester St., Westmount	FI 0768

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO
Innes, Edward P	Eng. 4	3605 University St., Montreal	MA 3101
		133 George St., Hamilton, Ont.	
Iredale, John W	B.A. 1	4265 Hampton Ave., Montreal	DE 0412
Ireland, Margaret	B.A. 4	58 Ainslie Rd., Montreal West	WA 0908
Irwin, Nora F	B.A. 3	461 Merton Ave., St. Lambert	St. L. 609
Jack, Edna P	Phys. Ed. 2	4355 Harvard Ave., Montreal	DE 4196
Jack, Stanton E	Arts P	Chateauguay Basin, Quebec	Chateauguay 28
Jackson, Naomi C. A	Grad. Sch	35 Campbell Ave., Montreal West	WA 0940
Jackson, Phyllis M	B.A. 2	732 Upper Belmont Ave., Westmount	EL 5114
Jacob, Donald R	Med. 4	515 Pine Ave. W., Montreal	PL 8060
		South China, Me.	
Jacobs, David S	Eng. 1	146 Wolseley Ave., Montreal West	WA 3158
Jacobs, Pearl	B.A. 1	3495 Vendome Ave., Montreal	EL 7657
Jacques, Roland R. N	Dent. 1	532 Milton St., Montreal	MA 5240
		28 Cottage St., Ware, Mass.	
James, Lambert H	Med. 1	795 Lusignan St., Montreal	FI 7017
		10 Church St., N/A Berbice, British Guiana, S.A.	
Jamieson, Norma M	Grad. Nurse	3514 St. Famille St., Montreal	PL. 1940
		53 Fitzroy St., Charlottetown, P.E.I.	
Janikun, Seymour L	Med. 1	1511 Ducharme Ave., Outremont	AT 3914J
Japp, Robert	Grad. Sch	5721 Jeanne Mance St., Montreal	CR 2254
		20 Kirkland Rd., Methel, Scotland.	
Jardine, Frederick R	Med. 1	3547 University St., Montreal	LA 4955
		Kensington, P.E.I.	
Jefferson, Norman F	B.Sc. 2	29 Church Hill, Westmount	WE 1342
Jeffrey, James S	Eng. 3	2063 Stanley St., Montreal	MA 9038
		Vegreville, Alta.	
Jehu, Llewellyn	Grad. Sch	157-24th Ave., Lachine, Que.	Lch. 760J
Jenkins, Charles L	Med. 1	Barat Court, Apt. 38, Sherbrooke St., Montreal	FI 7381
		Charlottetown, P.E.I.	
Jenkins, Margaret L	Arts P	3525 Mountain St., Montreal	PL 1421
Jenks, Elizabeth M	Arts P	Medical Arts Bldg., Montreal	FI 1464
Jennings, Carol B	B.A. 1	4196 Beaconsfield Ave., Montreal	DE 1572
Jennison, Norman H	Com. 2	6074 Notre Dame de Grace Ave., Montreal	DE 6517
Jenson, J. M	Theol.	4713 Western Ave., Westmount	DE 6524
Joedicke, Carl G	Com. 3	234 Wolseley Ave., Montreal West	WA 4614
Johannsen, Alice E	B.Sc. 4	2165 Lincoln Ave., Montreal	WI 5062
		Val Morin Sta., Quebec.	
Johnson, Arnold L	B.A. 3	463 Strathcona Ave., Westmount	WE 1530
Johnson, Charles D. P	Med. 1	3506 University St., Montreal	MA 2055
		Margaree, N.S.	
Johnson, Irene M	B.Sc. 4	Royal Victoria College, Montreal	MA 9176
		715 Prospect Ave., Calgary, Alta.	
Johnson, James R	Eng. 4	1441 Drummond St., Montreal	MA 4171
		Box 151, Revelstoke, B.C.	
Johnson, John C	Arts P	3474 McTavish St., Montreal	LA 7645
		Wolfville, Nova Scotia.	
Johnson, John S	Grad. Sch	100-44th Ave., Lachine	Lch. 218
Johnson, Louis G	B.Sc. 3	4 Chelsea Place, Montreal	FI 4154
Johnson, Muriel	Music	30 Kindersley Ave., T. of Mount Royal	AT 0908
Johnson, Raymond R. W	B.Sc. 1	3514 Park Ave., Montreal	PL 2059
		Lomond, Bonne Bay, Newfoundland.	
Johnson, Robert S	Com. 2	595 Roslyn Ave., Westmount	EL 4266
Johnson, Rosa M	B.A. 1	4396 Western Ave., Westmount	WE 4050
Johnston, Herbert C	Med. 2	134 Notre Dame St., St. Lambert	St. L. 921
Johnston, James K	Com. 1	3206 Westmount Blvd., Westmount	WE 5918
Johnston, Richard E	B.A. 2	2039 McGill College Ave., Montreal	MA 1838
		18181 Hamilton Rd., Detroit, Mich.	
Johnston, Wilfred J	Arts P	73 Wolseley Ave., Montreal West	WA 1129
Johnstone, Alexandra H	B.A. 3	2055 Lincoln Ave., Apt. 15, Montreal	WI 5843
Johnstone, Jean P	B.Sc. 4	120 Easton Ave., Montreal West	WA 0415M
		Brinston, Ont.	
Jomini, John L	Eng. 1	1441 Drummond St., Montreal	MA 4171
		Grand'Mere, Que.	
Jones, Bruce N	Com. 2	3647 University St., Montreal	MA 2806
		Montego Bay, Jamaica.	
Jones, Edward L	Com. 2	109 Columbia Ave., Westmount	WE 5949

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Jones, Eleanor I.	B.A. 4	Royal Victoria College, Montreal Bedford, Quebec.	MA 9176
Jones, Florence H.	B.A. 4	3841 Wilson Ave., Montreal	EL 4171
Jones, Harrison S.	B.A. 2	47 Strathearn Ave., Montreal West.	WA 0047
Jones, H. Kingsford	Arch. 3	3436 Shuter St., Montreal Wolfville, Nova Scotia.	PL 8147
Jones, Rhoda D. T.	B.A. 2	Royal Victoria College, Montreal 29 Boul. Malesherbes, Paris 8, France	MA 9176
Jones, Stuart P.	B.Sc. 1	47 Strathearn Ave., Montreal West.	WA 0047
Jones, Thaddeus C.	Eng. 3	4184 Marcil Ave., Montreal	WA 1655W
Jones, W. G.	Theol. 3	3506 University St., Montreal Little Bay Island, Newfoundland	MA 2055
Jones, William H.	Grad. Sch	Strathcona Hall, Montreal 118 W. 39th St., Norfolk, Va.	PL 1156
Jordan, Albertan	B.A. 1	2007 Mansfield St., Apt. 19, Montreal 151 Eastbourne Ave., Toronto, Ont.	
Joseph, Henry	B.A. 4	3507 Mountain St., Montreal	PL 1966
Jotcham, William G. R.	Med. 4	4168 Oxford Ave., Montreal	DE 9032
Judd, Ebert E.	Med. 3	525 Prince Arthur St. W., Montreal. Waltham, Que.	MA 6649
Judson, Charles E.	Eng. 4	2068 Sherbrooke St., Montreal	WI 3900
Juzenko, Carl J.	Eng. 3	226–3rd Ave., Verdun, Que.	
Kaine, Gerald	Med. 4	The Acadia, Sherbrooke St. W., Apt. 25, Montreal 48 d'Artigny St., Quebec City	LA 5025
Kalinauski, Alphonse C.	Med. 4	366 Sherbrooke St. W., Apt. 4, Montreal 304 Washington St., Cambridge, Mass.	PL 7979
Kane, John T.	Med. 2	640 Prince Arthur St., Montreal 87 Front St., Binghamton, N.Y.	MA 9531
Kaneb, George D.	Med. 3	2009 Mansfield St., Apt. 57, Montreal 602 Grafton St., Worcester, Mass.	LA 9407
Kaplan, Edward	Com. 2	44 Nelson Ave., Outremont	DO 5442
Katz, Arnold H.	B.Sc. 2	3559 University St., Montreal 64 Driveway, Ottawa, Ont.	MA 2693
Katz, Eli, I.	Med. 1	4639 Jeanne Mance St., Montreal	HA 0593
Katz, Maurice H.	Com. 4	5325 Esplanade Ave., Montreal	CR 7664
Kaufman, Dora	B.A. 2	84 St. Louis St., Lachine	Lch. 684
Kaufman, Max S.	Law 3	724 Upper Belmont Ave., Westmount	EL 5010
Kaufman, Nathan	B.Sc. 1	84 St. Louis St., Lachine	Lch. 684
Kaufmann, Mark I. H.	Med. 3	1547 Bishop St., Montreal	PL 8693
Kay, Bruce E. A.	Eng. 1	4067 Hingston Ave., Montreal	DE 6966
Kay, Harry	Arts P.	3506 University St., Montreal 11 Manple St., Hulme, Manchester, England.	MA 2055
Kayser, James N.	B.Sc. 1	3841 Harvard Ave., Montreal	EL 6676
Kazakoff, John	Eng. 3	3420 Hutchison St., Montreal Kamsack, Sask.	LA 3850
Kazuton, John	Med. 3	3419 University St., Montreal 224 State St., Bangor, Maine	MA 3089
Kearney, Marian J.	B.A. 1	1481 Bishop St., Apt. 4, Montreal	BE 1450
Kearns, Alfred G.	B.Sc. 2	4216 Grand Boulevard, Montreal	EL 6208
Keating, Bernard J.	Grad. Sch.	1084 Drummond St., Montreal 16 Albion St., Amherst, N.S.	PL 0637
Kelloway, Eli C.	B.A. 3	3506 University St., Montreal Spout Cove, Via Carbonear, Newfoundland.	MA 2055
Kelly, Joseph C.	Med. 1	3419 University St., Montreal 415 Lafayette St., Ogdensburg, New York.	MA 3089
Kelly, Katherine	B.A. 1	Place Viger Hotel, Suite 43, Montreal	MA 5721
Kemball, Alfred W.	Grad. Sch.	1441 Drummond St., Montreal Timmins, Ont.	MA 4171
Kemble, Edward E.	Med. 1	3444 Durocher St., Montreal 146 W. 9th St., Erie, Pa.	MA 3050
Kennedy, John E.	Com. 2	3637 University St., Montreal 7 Ardmay Crescent, Guelph, Ont.	MA 1824

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Kennedy, Judith	B.A. 1	3584 Shuter St., Montreal	MA 6834
Kennedy, Taylor J.	B.Com. 1	4026 Tupper St., Westmount	FI 7132
Kenny, Elizabeth M.	B.A. 4	Royal Victoria College, Montreal	MA 9176
		Buckingham, Que.	
Kent, Gordon N.	B.Sc. 1	564 Lansdowne Ave., Westmount	EL 0625
Kent, Josephine P.	Grad. Sch.	76 North Pine Ave., Albany, N.Y.	
Kerckhoff, Anton P.	Med. 2	709 Grosvenor Ave., Westmount	EL 2319
		Covina, Calif.	
Kerr, Allan G.	Arts P.	2256 Regent Ave., Montreal	DE 2970
Kerr, Ashton L.	B.Sc. 1	4765 St. Catherine St. E., Montreal	CL 0529
Kerr, David M.	Theol. 2	3485 McTavish St., Montreal	PL 1649
		Monklands, Ont.	
Kerr, Donald G. G.	B.A. 3	501 Victoria Ave., Westmount	EL 7772
Kerr, Douglas W.	Com. 3	300 Broadway, Lachine, Que.	Lch. 376
Kerr, Elizabeth A.	B.A. 2	501 Victoria Ave., Westmount	EL 7772
Kerr, Jack M.	B.A. 1	2256 Regent Ave., Montreal	DE 2970
Kerr, John W.	B.A. 2	3473 University St., Montreal	MA 4902
Kerr, Robert A.	Eng. 4	4765 St. Catherine St. E., Montreal	CL 0529
Kerr, Samuel M.	Arts P.	3485 McTavish St. Montreal	PL 1649
		14 Gault Ave., Valleyfield, Que.	
Kerrigan, John V.	B.A. 1	500 Roslyn Ave., Westmount	DE 4248
Kerry, Esther W.	B.A. 4	1374 Sherbrooke St. W., Montreal	PL 4305
Kerry, Frank G.	Eng. 3	4655 Park Ave., Montreal	PL 2309
Kert, Morley J.	B.Sc. 2	3651 Durocher St., Montreal	HA 5590
		180 Augusta St., Ottawa, Ont.	
Ketcham, John	Med. 4	1015 Sherbrooke St. W., Montreal	MA 4418
		536 Coleman Place, Westfield, N.J.	
Keyfitz, Nathan	B.Sc. 4	3454 Addington Ave., Montreal	DE 2205
Kilpatrick, Margaret E.	B.A. 1	3493 Belmore Ave., Montreal	WA 4277
Kimpton, Geoffrey H.	Eng. 3	71 Birch Ave., St. Lambert	PL 2700
King, Donald	Eng. 1	2242 Coursol St., Montreal	WI 9036
King, Ellis G.	Grad. Sch.	3482 Durocher St., Montreal	MA 3485
King, Gilbert H.	Grad. Sch.	2616 Ave. Soissons, Montreal	AT 0880J
		So. Stukely, Que.	
King, Jacob H.	Med. 2	515 Pine Ave. W., Montreal	PL 8060
		Broad Cove, Newfoundland.	
Kingsland, Edward N.	Eng. 1	544 Lansdowne Ave., Westmount	EL 9538
Kingsley, Joseph D.	Med. 2	640 Prince Arthur W., Montreal	MA 9531
		Marysville, New Brunswick.	
Kingston, Edgar L.	Eng. 4	1441 Drummond St., Montreal	MA 4171
		Prescott, Ontario.	
Kinnear, Donald R.	B.Sc. 1	3853 Draper Ave., Montreal	DE 8863
		209 Strathallan Blvd., Toronto 12, Ont.	
Kinnear, Mary E.	Grad. Sch.	Royal Victoria College, Montreal	MA 9176
		44 Dufferin St., Moncton, N.B.	
Kirby, John C.	B.A. 2	3473 University St., Montreal	MA 4902
		Pouch Cove, Newfoundland.	
Kirby, Kathleen E.	Phys. Ed. 2	Royal Victoria College, Montreal	MA 9176
		Hawkesbury, Ontario.	
Kircher, Paul	B.A. 3	234 Strathearn Ave., Montreal West	EL 0296
Kirk, George E.	Med. 1	2082 University St., Montreal	PL 0575
		56 High Service Ave., No. Providence, R.I.	
Kirkpatrick. Robert E.	Eng. 1	47 Ainslie Rd., Montreal West	WA 1180
Kirsch, Archie	B.A. 1	12 Windsor Ave., Westmount	DE 3298
Kirsch, Edward	Med. 2	12 Windsor Ave., Westmount	DE 3298
Kirsch, Leonard	Eng. 2	12 Windsor Ave., Westmount	DE 3298
Kirschberg, Leo S.	B.A. 3	372 Roslyn Ave., Westmount	DE 5970
Kitces, Samuel	B.Sc. 3	3953 Drolet St., Montreal	
Klein, Simon	Dent. 4	721 Wiseman Ave., Outremont	AT 3389
Kleiner, George	B.A. 2	4245 Esplanade Ave., Montreal	BE 2866
Kleinman, Hyman	Com. 3	4278 Henri Julien Ave., Montreal	BE 2389
Klineberg, Beatrice A.	B.A. 4	4059 Dorchester St. W., Montreal	FI 9969
Kneen, Douglas T.	Arts P.	5930-20th Ave., Rosemount	
Knittle, Arthur	Dent. 1	1015 Sherbrooke St. W.	MA 4418
		225 W. 110th St., New York City	
Knox, Elizabeth L.	B.A. 2	3228 Cedar Ave., Montreal	FI 6742
Koerber, Irene V.	Grad. Sch.	2045 Stanley St., Apt. 15, Montreal	MA 3968
		5 Stearns Ct., Northampton, Mass.	
Koessler, Horace H.	Med. 1	495 Prince Arthur St. W., Montreal	LA 2017
		Seeley Lake P.O., Montana.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Kohl, Suzanne	B.A. 2	4340 Montrose Ave., Westmount	WE 5361
Kohos, Helene	B.A. 4	4330 Sherbrooke St. W., Montreal	FI 9353
Komarov, Simon A	Grad. Sch	3617 Lorne Crescent, Montreal	MA 3147
Korenberg, Morton M	B.Sc. 3	5491 St. Urbain St., Montreal	CR 2887
Kravitz, Louis A	Com. 3	4868 Jeanne Mance St., Montreal	DO 8379
Krueger, Leonard	Grad. Sch	General Delivery, Main P.O. Montreal	LA 9653
		Thornhill, Manitoba	
Krukowski, Albert C	Med. 4	3609 University St., Montreal	MA 4300
		21 Ferry Ave., Northampton, Mass.	
Kucharsky, Maurice H	Eng. 3	3642 City Hall Ave., Montreal	
Kugel, Jack	Arch. 3	1472 McKay St., Montreal	WI 0744
Kurtz, Lily	Music	4828 Hutchison St., Montreal	DO 7833
Labelle, Dorothy E	Arts P	5602 Hutchison St., Outremont	CR 7451
Lacombe, Jean L	Eng. 1	3609 Park Ave., Montreal	HA 8826
		21 Laurier Ave., Sherbrooke, Que.	
Lacoste, Roger	Com. 3	42 Hazelwood Ave., Montreal	AT 0342
Lacoursiere, Arthur	Arch. 4	3511 Shuter St. Apt. 3, Montreal	LA 1570
		Vendome Hotel, Shawinigan Falls.	
Lacy, Curtis R	Med. 5	515 Pine Ave. W., Montreal	PL 8060
		Freehold, N.Y.	
Laduke, Walter E	Eng. 2	80 Maple Ave., St. Lambert, Que.	St.L. 1231
Lafave, Wallace J	Med. 4	1380 Bernard Ave. W., Apt. 11, Outremont	AT 4995J
Lafleur, John T	B.A. 3	3527 Ontario Ave., Montreal	PL 5946
Lahaie, Marcelin L	Eng. 2	3568 Marlowe Ave., Montreal	DE 7775
Lahaie, Rostand H	Eng. 1	3568 Marlowe Ave., Montreal	DE 7775
Laing, Alan R	Com. 2	195 Wolseley Ave., Montreal West	WA 0140
Laing, Peter M	B.A. 2	Gleneagles Apartments, B.33, Montreal	WI 4307
		42 Ladbroke Square, London W. 11, England.	
Laing, William R. V	B.Sc. 1	Strathcona Hall, Montreal	PL 1156
		134 Summit Ave., Montclair, N.J.	
Lake, Arthur W. L	Med. 2	3549 Hutchison St., Apt. 11, Montreal	PL 6959
		Vernons Est. Antigua, Brit. West Indies	
Lake, John F	Med. 2	3637 Oxenden Ave., Montreal	MA 8729
		2255 Lockbourne Rd., Columbus, Ohio.	
L'Allier, Lucien	Eng. 3	4271 De Lanaudière St., Montreal	CH 8413
Lamb, Roland T	B.Sc. 3	233 Ste. Anne's Rd., Ste. Ann de Bellevue	Ste.A. 18
Lambert, Percival J	B.A. 4	3506 University St., Montreal	MA 2055
		Skibbereen, Ireland.	
Lamond, Harrison L	Arts P	3485 McTavish St., Montreal	PL 1649
		Sydney Mines, Nova Scotia.	
Lamont, Thomas	Arts P	3485 McTavish St., Montreal	PL 1649
		146 Queen St., Ballymena, Ireland.	
Lamontagne, Horace	Med. 2	1429 Crescent St., Montreal	PL 4013
		Alexandra Block, Brandon, Man.	
Lamontagne, Jean E	Law 1	385 Mt. Royal Ave. W., Montreal	DO 8541
Lamy, John E	Med. 2	554 Milton St., Apt. 5, Montreal	
		500 So. Grand Ave., Sedalia, Missouri.	
Lang, Harvest L	Dent. 1	5275 Cote St. Luc Rd., Montreal	EL 5262
Lang, Howard J	Eng. 3	3433 Peel St., Montreal	PL 2073
		215 Blair Rd., Galt, Ont.	
Lang, John A	B.A. 1	3563 Vendome Ave., Montreal	DE 5750
Lang, William M	B.A. 1	4887 Victoria Ave., Montreal	EL 8052
Langille, James H	Arts P	1441 Drummond St., Montreal	MA 8331
		Annapolis Royal, Nova Scotia.	
Langstaff, Mary E	B.A. 2	Royal Victoria College, Montreal	MA 9176
		Kemptville, Ontario.	
Lapin, Albert W	Med. 4	5835 Hutchison St., Montreal	CR 6486
Lapitsky, Charles	B.A. 1	774 Rockland Ave., Outremont	AT 2729
Lapointe, Jules T	Com. 4	6169 Durocher Ave., Outremont	DO 5993
Lapointe, Roland E	Med. 1	3419 University St., Montreal	MA 3089
		384 Wilson St., Manchester, N.H.	
Lareau, Edmond H	Com. 1	451 Strathcona Ave., Westmount	WE 3929

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Larin, Marc A.	Eng. 1.	3456 Patricia Ave., Montreal	WA 0943
LaRiviere, Marcel G.	Eng. 2.	6 Weredale Park, Westmount	FI 9621
		355 So. Union St., Burlington, Vt.	
Larocque, Gerard L. A.	Grad. Sch.	1441 Drummond St., Montreal	MA 4171
		160 Sussex St., Ottawa, Ont.	
Larson, Charles P.	Med. 3.	3552 Hutchison St., Montreal	HA 5765
		River Falls, Wis.	
Latham, David A.	Med. 5.	Hospital St. Luc, Montreal	HA 0126
		830 Princeton Blvd., Lowell, Mass.	
Latham, Ernest H.	Med. 5.	Hospital St. Luc, Montreal	HA 0126
		830 Princeton Blvd., Lowell, Mass.	
Lathe, Grant H.	B.Sc. 4.	Strathcona Hall, Montreal	PL 1156
		180 Cartier St., Ottawa, Ont.	
Latour, Jean-Paul	B.Sc. 1.	826 Riverview Ave., Verdun	YO 3335
Laureys, John F.	Law 2.	592 Lansdowne Ave., Westmount	EL 2978
Laurie, Valerie	Arts P.	4320 Montrose Ave., Westmount	WE 1358
		Lilac Ranch, Escondido, Calif.	
Lavoie, Vincent L.	Com. 4.	4717 Upper Roslyn Ave., Westmount	EL 3103
Law, David A.	B.A. 3.	3465 Stanley St., Montreal	PL 1539
Law, M. Fong	Med. 2.	Strathcona Hall, Montreal	PL 1156
		901 Columbia St., New Westminster, B.C.	
Law, Robert J.	Eng. 2.	3434 McTavish St., Montreal	PL 6773
		190 Laurier Ave. E., Ottawa, Ont.	
Lawrence, Dorothy K.	B.Sc. 1.	4231 Verdun Ave., Verdun	
Lawrence, Shirley H.	Grad. Sch.	Royal Victoria College, Montreal	MA 9176
		Truro, Mass.	
Lawrence, William D.	Eng. 1.	4566 Coolbrooke St., Montreal	DE 7470
		St. Eustache-sur-le-lac, Quebec.	
Laws, H. Wyatt	B.Sc. 1.	1 Weredale Park, Westmount	WI 7485
Lax, Barbara A.	B.A. 3.	4284 Beaconsfield Ave., Montreal	EL 1822
Laxer, Mendel	B.Sc. 2.	4057 Esplanade Ave., Montreal	BE 3346
Layton, Michael S.	B.Sc. 3.	252 Pine Ave., Montreal	HA 3889
		R.R. 2, Vernon, B.C.	
Lazarus, Eleazar J.	B.Sc. 2.	630 Champagneur Ave., Outremont	AT 7785F
Lazarus, Emily	B.A. 4.	3562 Vendome Ave., Montreal	DE 8256
Lead, Harry D.	B.Sc. 2.	4587 Notre Dame East, Montreal	
Leahey, James C.	Eng. 3.	3905 Lorne Ave., Montreal	LA 5037
		43 Kings Rd., St. John's, Newfoundland.	
Leathem, Ronald M.	B.A. 4.	3429 Peel St., Montreal	PL 7385
		157 Gilmour St., Ottawa, Ont.	
LeBel, Harry W. S.	Eng. 1.	3506 University St., Montreal	MA 2055
		Namur, Quebec.	
LeBel, Louis P.	B.A. 4.	3506 University St., Montreal	MA 2055
		Namur, Quebec	
Lebrun, Joseph G.	Med. 2.	290 Sherbrooke St. W., Montreal	MA 1734
		45 Walnut St., Claremont, N.H.	
Lecocq, Claude	Arts P.	664 New Birks Bldg., Montreal	LA 7426
		77 St. Peter St., Chambly.	
Lee, Dorothy H.	Phys. Ed. 2.	Royal Victoria College, Montreal	MA 9176
		Highgate, Ontario.	
Lee, Priscilla	B.A. 4.	162 Hickson Ave., St. Lambert	St.L. 525
Lee, William L. C.	B.Sc. 3.	1099 University St., Montreal	
Lefevre, Paul J.	Law 2.	324 Gouin Blvd. E., Montreal	DU 4384
Lefort, Jean	Eng. 2.	3830 St. Hubert St., Montreal	PL 3685
Legault, Rita F.	B.A. 2.	3699 Park Ave., Montreal	HA 4934
Leggat, Walter C.	Law 1.	3433 Stanley St., Montreal	PL 5925
LeGrow, Charles L.	Med. 5.	515 Pine Ave. W., Montreal	PL 8060
		Broad Cove, Bay de Verde, Nfld.	
LeGrow, W. H.	Theol. 3.	3506 University St., Montreal	MA 2055
		Broad Cove, Bay de Verde, Newfoundland.	
LeGrow, William R.	B.A. 2.	3506 University St., Montreal	MA 2055
		Blackhead, Newfoundland.	
Leibovitch, David	B.Sc., 3.	4063 Clarke St., Montreal	BE 2963
Leimbach, John H.	Med. 3.	545 Pine Ave. W., Montreal	MA 1545
		Isleton, Calif.	
Lennon, Edward F.	Law 1.	768 Upper Lansdowne Ave., Westmount	EL 5006
Lennox, Robert	B.A. 4.	3839 Marcil Ave., Montreal	EL 4463
		342 Clemow Ave., Ottawa, Ont.	

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Lent, Sylvester M.	Med. 4	3667 Jeanne Mance St., Montreal	HA 5427
		Stanwich Road, Greenwich, Conn.	
Leroux, George	B.Sc. 1	94 Dufferin Road, Hampstead, Que.	EL 7051
Leroy, Cecil S.	Com. 1	3617 Lorne Crescent, Montreal	MA 3147
		St. Eugene, Ont.	
Leslie, Forrester W.	B.Sc. 1	488 Mountain Ave., Westmount	WE 5801
Letourneau, Charles U.	Med. 2	4200 Wilson Ave., Montreal	DE 9536
Leung, Solomon W.	B.A. 1	3485 McTavish St., Montreal	PL 1649
		1803 Blanchard St., Victoria, B.C.	
Levin, Arthur	B.A. 4	610 Belmont Ave., Westmount	WE 2847
Levin, Herman	Med. 2	610 Belmont Ave., Westmount	WE 2847
Levine, Rachmiel	Med. 3	504 Duluth St. E., Montreal	HA 8810
		625 Ouelette Ave., Windsor, Ont.	
Levites, Solomon	B.A. 2	4583 Jeanne Mance St., Montreal	PL 2992
Levitsky, Nathan A.	Grad. Sch.	380 Edward Charles Ave., Apt. 5, Montreal	DO 3338
Levitsky, Philip	Med. 5	779 Outremont Ave., Apt. 2, Montreal	AT 7219
Levitt, Edith	B.A. 4	1204 Lajoie St., Montreal	AT 3237W
Levitt, Jacob	Grad. Sch.	323 Grosvenor Ave., Westmount	DE 5719
Lewandowsky, Bogdan	B.A. 4	4312 St. Catherine St. W., Westmount	WE 3357
Lewin, Byron R.	Med. 5	495 Prince Arthur St., Montreal	MA 6863
		10 Pleasant St., Hanover, N.H.	
Lewis, Alfred H.	Eng. 4	3555 University St., Montreal	MA 5073
		640 W. 153rd St., New York City.	
Lewis, John F.	Com. 2	226 Prince Albert Ave., Westmount.	DE 2051
Lewis, Joyce B.	Phys Ed. 2	3809 Marlowe Ave., Montreal	DE 7792
Lewis, Louis L.	B.A. 3	16 Melbourne Ave., Westmount	WE 5795
Lewis, Reuben	Med. 2	4679 Esplanade Ave., Montreal	PL 1483
Liddy, Ethel J.	B.A. 2	2349 Melrose Ave., Montreal	DE 1697
Lilley, George W.	Med. 1	3511 Lorne Ave., Montreal	MA 9846
		703 Edgemont Ave., Chester, Penn.	
Lillie, William H.	Com. 1	3417 University St., Montreal	MA 1521
		1401 Ridgeway, Fort William, Ont.	
Lim Yuen, David M.	B.Sc. 2	668-670 Lagauchetiere St. W., Montreal	LA 0310
		Box 784, Vernon, B.C.	
Lincoln, Donald A.	Eng. 2	3506 University St., Montreal	MA 2055
		1921–10½ St. W., Calgary, Alta.	
Lincoln, John H.	Com. 4	3506 University St., Montreal	MA 2055
		1921 Cathcart St., Calgary, Alta.	
Lindsay, Victor C.	Grad. Sch.	Strathcona Hall, Montreal	PL 1156
		Revelstoke, B.C.	
Lindsey, Ross O.	Eng. 4	534 Clarke Ave., Westmount	WE 3119
Linton, G. M.	Theol.	7587 Outremont Ave., Montreal	AT 6814F
Linton Ralph D.	Com. 4	3530 Belmore Ave., Montreal	WA 2974
Lippincott, Stuart W.	Med. 4	545 Pine Ave., Montreal	MA 1545
		Hampton Beach, N.H.	
Little, S. C.	Theol. 3	3473 University St., Montreal	MA 4902
Little, Thomas C. B.	Com. 1	2 Redpath Place, Montreal	PL 1703
Lloyd, A. O.	Theol.	1697 Morgan Blvd., Montreal	CL 8048
Lochhead, John S.	Eng. 2	345 Ballantyne Ave. N., Montreal West	WA 1729
Lockhart, Eva B.	Arts P.	1433 Crescent St., Montreal	PL 9669
		Falmouth, N.S.	
Lockhart, Margaret R.	B.A. 1	4814 Esplanade Ave., Montreal	DO 8094
Lockhart, Robert F.	Eng. 1	4104 Beaconsfield Ave., Montreal	DE 6920
Lockwood, Clarence K.	Eng. 4	602 Cote St. Antoine Rd., Montreal.	DE 1908
Loftus, Albert V.	Com. 1	3581 University St., Montreal	MA 3842
		21 Ava Rd., Forest Hill, Ont.	
Logan, James C.	Arts P.	3506 University St., Montreal	MA 2055
		Lachute, Que.	
Loiselle, Harold J.	Eng. 1	640 De l'Epee Ave., Apt. 6, Outremont	AT 6371
Loiselle, John C.	Eng. 1	5586 Queen Mary Road, Montreal.	EL 2933
London, Irving	Com. 3	5632 Hutchison St., Montreal	CR 0484
Lonergan, Gerald M.	Eng. 3	3652 Durocher St., Montreal	HA 8457
		Buckingham, Que.	
Long, Richard C.	B.Sc. 1	3766 Wilson Ave., Montreal	DE 8665
Loomis, Alexander P.	Eng. 2	1694 Lincoln Ave., Montreal	FI 3143
Loomis, Gordon B.	Med. 5	1620 St. Antoine St., Montreal	WI 9242
		159 Queen St., Sherbrooke, Que.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Loomis, James G. M.	Eng. 2	1694 Lincoln Ave., Montreal	FI 3143
Loomis, Margaret	B.A. 3	Royal Victoria College, Montreal 125 Scarboro Rd., Toronto, Ont.	MA 9176
Lorimer, Harold	B.A. 1	4019 Grey Ave., Montreal	DE 5748
Lortie, Adèle E.	B.A. 1	4346 West Hill Ave., Montreal	DE 1477
Louis, Max A.	Arch. 3	4217 Western Ave., Westmount	FI 0749
Love, R. Merton	Grad. Sch.	3501 Lorne Ave., Montreal 156 Tupper Ave., Yorkton, Sask.	MA 2706
Lovelace, Arthur B.	B.A. 3	3506 University St., Montreal Greenspond, Newfoundland.	MA 2055
Lowe, Frank C.	Com. 1	3575 Northcliffe Ave., Montreal	DE 9575
Lowles, George A.	Eng. 2	4206 Hingston Ave., Montreal	EL 5682
Lowther, G. K.	Grad. Sch.	3437 Shuter St., Montreal	MA 8864
Luft, Raymond	Med. 5	2007 Mansfield St., Apt. 31, Montreal Sumner at 3rd Ave., Norwood, R.I.	LA 4631
Luke, Allison B.	Com. 3	41 Brock Ave. N., Montreal West	DE 9508
Lumsden, Stanley G.	B.A. 2	2287 Melrose Ave., Montreal	EL 7217
Lunn, Alice J. E.	Arts P.	458 Argyle Ave., Westmount	WE 1630
Lusher, David W.	Grad. Sch.	3812 Clarke St., Montreal	PL 6327
Lusk, Frances E.	B.A. 1	5366 Garnier St., Montreal	FR 1047
Luxton, Richard G.	B.Sc. 2	337 Desmarchais Blvd., Verdun	YO 7865F
Lyman, Stephen M.	Eng. 4	4155 Cote des Neiges Road, Montreal	FI 8024
Lynch, John B.	Med. 1	409 Prince Arthur W., Montreal 109 Charlotte St., Sydney, N.S.	PL 5395
Lynde, Carleton J.	Grad. Sch.	2235 Prudhomme Ave., Montreal	DE 3132
Lynn, J. H.	Theol. 3	3506 University St., Montreal 40 Stratheden St., Belfast, Ireland.	MA 2055
Lyon, Harold P.	Med. 3	4102 Hingston Ave., Montreal	DE 3429
Lyon, Harry T.	Med. 1	3482 Durocher St., Montreal 119 E. Hermosa, Santa Maria, Calif.	MA 3485
Lyons, John C.	B.Sc. 2	457 Mount Pleasant Ave., Westmount	FI 6133
Lyster, William G.	B.Sc. 1	456 Pine Ave. W., Montreal	HA 7734
Lytle, Nancy P.	B.A. 4	90–34th Ave., Lachine	Lch. 353
MacArthur, William J. C.	Med. 1	3683 Hutchison St., Montreal 653 McMillan Ave., Winnipeg, Man.	
McAuley, Mary A.	B.A. 4	Royal Victoria College, Montreal 1 Court House Square, Brockville, Ont.	MA 9176
McBride, Hazel E.	B.A. 2	3774 Wilson Ave., Montreal	DE 9865
McBryer, Margaret J.	B.A. 4	4640 Grosvenor Ave., Montreal	EL 3002
MacCabe, Jack R.	B.Sc. 4	5410 Grovehill Place, Montreal	WA 1331
MacCallum, Donald C.	B.Sc. 1	464 Argyle Ave., Westmount	WE 1585
MacCallum, Helen M.	Lib. Sch.	Royal Victoria College, Montreal 123 Sask. Cres., Saskatoon	MA 9176
MacCallum, James L.	B.A. 1	2177 St. Luke St., Apt. 6A, Montreal. Pointe-au-Chene, Quebec, R. R. 1	WI 2387
MacCallum, William J.	Grad. Sch.	1429 Stanley St., Apt. 14, Montreal Box 887, Campbellton, N.B.	HA 4917
McCann, Edward H.	Eng. 4	2064 Mansfield St., Montreal 2517 Wallace St., Regina, Sask.	LA 6825
McCannel, Jack S.	Med. 2	545 Pine Ave. W., Montreal 1306 N.E. Broadway, Portland, Oregon.	MA 1545
MacCarthy, Arthur H.	Com. 3	3605 University St., Montreal 41 Powell Ave., Ottawa, Ont.	MA 3101
MacCarthy, John G.	Com. 1	2064 Mansfield St., Montreal 41 Powell Ave., Ottawa, Ont.	LA 6825
McCausland, William A.	Med. 3	539 Pine Ave. W., Montreal 123 Franklin St., Quincy, Mass.	MA 7818
McClure, George Y.	Med. 3	3602 Durocher St., Montreal	
McConnell, Georgina	B.A. 4	4652 Sherbrooke St. W., Apt. 9, Montreal	EL 7570
McCooey, Daniel F.	Med. 4	3419 University St., Montreal Dover, New Hampshire.	MA 3089
McCormick, George W.	Med. 4	3681 Hutchison St., Apt. 8, Montreal. 523 John St., Clayton, N.Y.	
McCormick, Robert J.	Com. 1	495 Prince Arthur St. W., Apt. 26, Montreal 18 Brant Rd. N., Galt, Ont.	MA 8876

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Where two addresses are given, the second is the home address			
McCoy, Edwin C.	B.A. 4	3506 University St., Montreal	MA 2055
		Huntingdon, Que.	
McCoy, R. Hall	Med. 3	97 Brock Ave. N., Montreal West	WA 1267
McCracken, Edward J.	Grad. Sch.	1084 Drummond St., Montreal	PL 0637
McCracken, Gordon V.	Com. 1	14 Fenwick Ave., Montreal West	WA 1269
McCracken, Kathryn	Music	1084 Drummond St., Montreal	PL 0637
McCrady, Donald C.	Eng. 2	3469 Northcliffe Ave., Montreal	WA 4499
McCrimmon, Donald R.	Med. 5	Strathcona Hall, Montreal	PL 1156
		Huntingdon, Que.	
McCuaig, Jean M.	B.A. 2	16 Pagnuelo Ave., Outremont	AT 1654
McCuaig, Margaret C.	B.A. 3	6586 Christophe Colombe St., Montreal	DO 4736
McCubbin, John W.	Grad. Sch.	3506 University St., Montreal	MA 2055
		295 Main St. W., North Bay, Ont.	
McCunn, Winnifred M.	Grad. Nurse	3768 Draper Ave., Montreal	DE 2175
McCurdy, Margaret A. F.	Lib. Sch.	3671 Park Ave., Montreal	PL 4454
		Newcastle, N.B.	
MacDermot, Frances E.	B.A. 1	18 Dufferin Ave., Ste. Rose, Que.	Ste.R. 42
Macdonald, Aida R.	Arts P.	3462 Shuter St., Montreal	MA 7669
Macdonald, Charles C.	B.A. 2	423 Concord St., Montreal	
McDonald, Douglas M.	Grad. Sch.	3490 Ste. Famille St., Montreal	HA 5597
McDonald, Elizabeth	B.A. 1	18 Edgehill Road, Westmount	WE 2446
Macdonald, Gordon S.	Arch. 4	3480 Cote des Neiges Rd., Apt. 20, Montreal	FI 1752
		P. O. Box 686, Sydney, N.S.	
Macdonald, Helen R.	Phys. Ed. 1	Royal Victoria College, Montreal	MA 9176
		283 Brant St., Burlington, Ont.	
McDonald, Hugh J.	B.Sc. 3	5149 Earnscliffe Ave., Montreal	EL 6589
		Dalhousie Sta., Que., R. R. 1, Box 41	
McDonald, John H.	B.Sc. 2	18 Edgehill Road, Westmount	WE 2446
Macdonald, Michael R.	Med. 1	1156 St. Mark St., Apt. 14, Montreal.	FI 3054
		Beech St., Sydney Mines, Nova Scotia.	
McDonald, P. Robb	Med. 5	Shriner's Hospital, Cedar Ave., Montreal	PL 4464
		Valleyfield, Que.	
McDonald, Roland D.	Grad. Sch.	3506 University St., Montreal	MA 2055
		Picton, Ont., R.R. 2	
MacDonald, Stewart A.	Med. 1	3406 Durocher St., Montreal	PL 6707
		Ceylon, Sask.	
Macdonald, William K.	B.A. 1	3615 University St., Montreal	PL 5990
		20 Mountain St., Granby, Que.	
MacDougal, Arline	B.A. 3	Royal Victoria College, Montreal	MA 9176
		Elizabethtown, N.Y.	
MacDougall, Elizabeth	Arts P.	3534 Ontario Ave., Montreal	PL 6772
McDougall, Errol K.	B.A. 2	3507 University St., Montreal	LA 8404
MacDougall, Gordon H.	B.A. 2	3534 Ontario Ave., Montreal	PL 6772
MacDougall, Josephine E.	Arts P.	3534 Ontario Ave., Montreal	PL 6772
McDougall, Ruth	B.A. 1	1595 MacGregor St., Montreal	FI 1630
McDowell, Cameron A.	Com. 2	3434 McTavish St., Montreal	PL 6773
		71 Ontario St., Walkerville, Ont.	
MacDuff, Robert	Com. 2	Ste. Anne de Bellevue	
McEntyre, John G.	B.A. 4	4101 Sherbrooke St. W., Montreal	FI 9035
McEwen, Isobel A.	B.Sc. 1	Royal Victoria College, Montreal	MA 9176
		Huntingdon, Quebec.	
MacFadyen, Kenneth L.	B.A. 3	3483 Peel St., Montreal	PL 3396
		1238–19th Ave. W., Calgary, Alta.	
MacFarlane, Marion M.	B.A. 4	1615 Ducharme Ave., Montreal	AT 3078
MacFarlane, Robert M.	Eng. 2	635 Sydenham Ave., Westmount	WE 4144
McGarry, Eleanore	B.Sc. 1	4683 Victoria Ave., Montreal	EL 3289
McGee, Kathleen M.	B.A. 3	4170 Old Orchard Ave., Montreal	DE 9224
McGiffin, John W.	Law 2	14 Grenville Ave., Westmount	WE 5769
McGill, John J.	Com. 4	3647 University St., Montreal	MA 2806
		189 Holmwood Ave., Ottawa, Ont.	
McGillvray, John S.	Med. 3	640 Prince Arthur St. W., Montreal	MA 9531
		2176 Lorne St., Regina, Sask.	
MacGougan, Melrose K.	Med. 4	4820 Roslyn Ave., Montreal	EL 5546
		Summerside, P.E.I.	
McGoun, Jean M.	B.A. 2	4 Burton Ave., Westmount	EL 7637
McGovern, John E.	Med. 1	4005 Dorchester St., Westmount	FI 8434
McGregor, Douglas R.	Eng. 3	1441 Drummond St., Montreal	MA 4171
		92 London St., Sherbrooke, Que.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
McGregor, Herbert B.	Med. 2	515 Pine Ave. W., Montreal Penticton, B.C.	PL 8060
MacGregor, Hugh D.	Eng. 4	10 Lilac Ave., Dorval	
MacGregor, Laurence G.	B.A. 3	111 Brock Ave. N., Montreal West	WA 0475
McGregor, Leslie S.	Eng. 2	476 Bourgeois St., Montreal	FI 0803
McGuigan, Robert A.	Med. 2	539 Pine Ave. W., Montreal 2315 Sherman Ave., Evanston, Ill.	MA 7818
McGuire, James F.	Eng. 4	3617 St. Famille St., Montreal	HA 6691
McHugh, Hollie E.	Med. 3	3581 University St., Montreal Farnham, Quebec.	MA 3842
McInerney, John F.	Med. 1	409 Prince Arthur St. W., Montreal 243 Charlotte St., Saint John, N.B.	PL 5395
McInnis, Helen M.	B.A. 2	Royal Victoria College, Montreal 211 Oak St., Winnipeg, Man.	MA 9176
MacIntosh, Frank C.	Grad. Sch.	495 Prince Arthur St. W., Apt. 24, Montreal Stellarton, N.S.	LA 3840
McIntyre, George D.	Law 2	6058 Notre Dame de Grace Ave., Montreal	EL 9169
McIntyre, J. Murray	Med. 2	6058 Notre Dame de Grace Ave., Montreal	EL 9169
MacIver, Jean E.	B.A. 1	3757 Wilson Ave., Montreal	EL 4488
McKay, Annie R.	B.A. 3	3451 Oxford Ave., Montreal	DE 4182
MacKay, Donald M. C.	Eng. 3	3468 Hutchison St., Montreal Estevan, Sask.	HA 5905
MacKay, Elizabeth N.	B.A. 3	4375 Montrose Ave., Westmount	WE 6806
MacKay, Fergus S.	Eng. 4	1540 Guy St. Apt. 5A, Montreal Pictou, N.S.	
Mackay, Ian E.	Med. 2	495 Prince Arthur St., Apt. 24, Montreal Stellarton, N.S.	LA 5840
MacKay, Ian N.	Eng. 3	4375 Montrose Ave., Westmount	WE 6806
McKay, John W. G.	Law 3	1426 Stanley St., Montreal	MA 0621
McKay, Margaret J.	B.A. 2	626 Roslyn Ave., Westmount	EL 2766
MacKay, Nancy	B.A. 2	119 Wolseley Ave., Montreal West	WA 3139
McKee, Gordon H. W.	Eng. 2	1441 Drummond St., Montreal 145 Patterson Ave., Ottawa, Ont.	MA 4171
McKeen, Harry L.	Med. 4	3564 Shuter St., Montreal Cumberland Bay, Queen's Co., N.B.	MA 4920
McKelvey, Morley A.	Med. 5	3506 University St., Montreal	MA 2055
McKenna, Richard D.	Med. 1	331 Clarke Ave., Westmount	FI 8382
McKenty, Constance B.	Lib. Sch.	2101 University St., Apt. 9, Montreal 145 Academy Road, Winnipeg, Man.	LA 5676
MacKenzie, F. Douglas	B.A. 2	3491 McTavish St., Montreal	MA 9716
McKenzie, J. K.	Theol. 2	3506 University St., Montreal R.R. 2, Merlin, Ont.	MA 2055
Mackenzie, Kenneth R.	Med. 2	1636 Sherbrooke St. W., Montreal Bombay, India.	FI 3722
Mackenzie, Malcolm B.	B.Sc. 2	3980 Cote des Neiges Rd., Montreal	FI 2876
McKenzie, Robert B.	B.Sc. 2	3609 University St., Montreal Loggieville, New Brunswick.	MA 4300
McKeown, Marion E.	B.A. 4	2297 Wilson Ave., Apt. 1, Montreal	DE 4956
McKeown, Thomas	Grad. Sch.	3482 Durocher St., Montreal 681–11th Ave., New Westminster, B.C.	MA 3485
McKergow, Elizabeth	Arts P.	343 Kensington Ave., Westmount	FI 2373
McKergow, Ernest A.	Eng. 2	Strathcona Hall, Montreal Waterloo, Quebec.	PL 1156
MacKimmie, Robert D.	B.Sc. 1	620 Murray Hill, Westmount	WE 3009
McKinlay, Jean J.	Grad. Nurse	3535 Durocher St., Montreal Glace Bay, Cape Breton.	PL 2461
Mackinney, Herbert W.	Grad. Sch.	3477A Hutchison St., Montreal Headley, Hants, Eng.	MA 8893
MacKinnon, Charles W.	Com. P.	1441 Drummond St., Montreal 83 Upper Prince St., Charlottetown, P.E.I.	MA 4171
Mackinnon, Clara M.	Grad. Nurse	3535 Durocher St., Montreal 18 Cottage St., Glace Bay, Nova Scotia.	PL 2461
MacKinnon, F. Marjorie	Grad. Nurse	60 Bellingham Road, Outremont	AT 4669
MacKinnon, Patrick A.	Grad. Sch.	1285 Ducharme Ave., Montreal	AT 0056W
McKinnon, Roona D.	B.A. 3	116 Broughton Ave., Montreal West 867 Wolseley Ave., Winnipeg, Man.	WA 3832

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
MacKinnon, Wallace	Com. 1	2097 St. Luke St., Apt. 6, Montreal Maxville, Ont., R.R. 1	WI 8557
McLachlin, Donald M.	B.Sc. 4	3605 University St., Montreal Arnprior, Ont.	MA 3101
MacLaggan, Isobel C.	B.A. 2	1515 Chomedy St., Montreal New Glasgow, Nova Scotia.	WI 3277
McLaren, Alexander	B.Sc. 1	64 Ballantyne Ave. N., Montreal West	WA 3023
McLaren, Willa Keith	B.A. 2	647 Milton St., Montreal	MA 1476
MacLaren, Margaret J.	Grad. Nurse	3529 University St., Montreal New Perth, Prince Edward Island	MA 8451
McLaughlin, John A.	Med. 4	3483 Peel St., Montreal Arthurette, N.B.	PL 3396
McLaughlin, Rita F.	B.A. 2	629 Davaar Ave., Outremont	AT 4640
McLean, Douglas W.	B.A. 4	4299 Montrose Ave., Westmount	WE 2880
MacLean, Eileen H.	Arts P.	Royal Victoria College, Montreal Pictou, Nova Scotia.	MA 9176
McLean, Ernest K.	Com. 4	161 Percival Ave., Montreal West	WA 0988
MacLean, John	Med. 2	3584 McTavish St., Montreal Montague, P.E.I.	PL 1649
McLean, Murray D.	Eng. 1	2325 St. Luke St., Montreal	WI 3523
McLean, Robert U.	B.A. 4	3485 McTavish St., Montreal Scotsburn, Pictou Co., N.S.	PL 1649
MacLean, Roderick W.	Com. 4	3647 University St., Montreal 188 Carling Ave., Ottawa, Ont.	MA 2806
McLean, Sterling A.	Med. 5	Strathcona Hall, Montreal 17 So. Russell St., Plymouth, Mass.	PL 1156
McLean, William G.	B.Sc. 3	631 Murray Hill, Westmount	WE 1882
McLeay, Mary L.	Med. 5	3466 University St., Montreal Battleford, Sask.	MA 2608
McLeish, John A. B.	B.A. 3	4587 Marcil Ave., Montreal	EL 5946
MacLellan, A. D.	Theol. 1	67 Holton Ave., Westmount	
MacLellan, W. Lloyd	Theol. 3	3485 McTavish St., Montreal R.R. 2, New Glasgow, N.S.	PL 1649
MacLennan, D. A.	Theol.	3500 Vendome Ave., Montreal	WA 3732
MacLennan, Donald S.	B.A. 3	495 Prince Arthur St., Montreal	BE 1707
MacLennan, Ian A.	Med. 2	1122 Sherbrooke St. W., Montreal Campbellton, N. B. Box 330	LA 0734
MacLennan, Louise I.	B.Sc. 1	495 Prince Arthur St. W., Montreal	BE 1707
McLeod, Colena M.	B.A. 3	Royal Victoria College, Montreal Box 135, Lake Megantic, Que.	MA 9176
Macleod, Douglas N.	Eng. 3	3511 Lorne Ave., Montreal Weyburn, Sask.	MA 9846
Macleod, Gordon	Eng. 3	3511 Lorne Ave., Montreal Weyburn, Sask.	MA 9846
MacLeod, Gordon R.	Eng. 2	758A Champagneur Ave., Outremont	AT 2127F
MacLeod, John A.	B.A. 2	3485 McTavish St., Montreal Albert St., Scotstown, Que.	PL 1649
McLeod, John K.	Med. 3	539 Pine Ave. W., Montreal 15 Thorndike St., Concord, N.H.	MA 7818
McLeod, L. Eleanor	B.A. 4	611 Victoria Ave., Westmount	EL 1551
MacLeod, William K.	B.Sc. 3	3509 Lorne Ave., Montreal 92 Queen's Rd., St. John's, Nfld.	LA 5037
McLernon, Robert R.	Com. 3	1321 Sherbrooke St. W., Montreal	PL 6377
Maclure, Kenneth C.	B.Sc. 4	378 Grosvenor Ave., Westmount	EL 3803
McManamy, Eugene P.	Med. 3	545 Pine Ave. W., Montreal 79 Queen St., Sherbrooke, Que.	MA 1545
McMartin, Donald W.	Eng. 3	4727 Western Ave., Westmount	DE 6722
McMartin, William F.	Med. 5	Homeopathic Hospital, 2100 Marlowe Avenue 4727 Western Ave., Westmount.	DE 3571
McMath, Andrew A. B.	Eng. 4	129 Edison Ave., St. Lambert, Que.	StL. 224
MacMillan, Donald	Arts P.	3485 McTavish St., Montreal North Sydney, N.S.	PL 1649
McMillan, Joseph A.	Med. 1	409 Prince Arthur St. W., Montreal 302 Euston St., Charlottetown, P.E.I.	PL 5395
MacMillan, Kenneth G.	Arts P.	3506 University St., Montreal Chateauguay Basin, Que.	MA 2055
MacMillan, Letitia M.	Grad. Nurse	3535 Durocher St., Montreal New Glasgow, Nova Scotia.	PL 2461
McMillan, Margaret	Arts P.	Corona Hotel, Montreal	MA 8671

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
MacMillan, Robert T.	B.A. 1	30 Jasper Ave., Town of Mount Royal	AT 1574M
McMorran, Angus B.	B.A. 1	3581 University St., Montreal	MA 3842
		55 McLeod St., Ottawa, Ont.	
McMorran, James D.	Com. 2	3581 University St., Montreal	MA 3842
		55 McLeod St., Ottawa, Ont	
McMorran, Sydney D.	Law 3	3581 University St., Montreal	MA 3842
		55 McLeod St., Ottawa, Ont.	
McMurtry, Arthur S.	Law 1	439 Grosvenor Ave., Westmount	DE 6154
McMurtry, Florence.	B.A. 4	339 Lansdowne Ave., Westmount	WE 2275
McNamee, Kenneth F.	Law 2	281 Querbes Ave., Outremont	AT 1497
McNeill, John C.	Theol. 1	3485 McTavish St., Montreal	PL 1649
		Glace Bay, N.S.	
McNiven, Neal L.	B.Sc. 2	477 Prince Arthur St. W., Montreal	LA 3691
		245 Blvd. St. Maurice, Shawinigan Falls, Que.	
Macnutt, Ernest G.	Eng. 1	4308 Montrose Ave., Westmount	FI 2976
MacNutt, William M.	Com. 4	3483 Peel St., Montreal	PL 3396
		Princetown, P.E.I.	
MacOdrum, Murdoch M.	Theol. 2	3485 McTavish St., Montreal	PL 1649
		65 Pine St., Brockville, Ont.	
Macphail, Moray S.	Grad. Sch.	Strathcona Hall, Montreal	PL 1156
		50 Clergy St., Kingston, Ont.	
MacPhee, Olive B.	Grad. Nurse	525 Prince Arthur St. W., Montreal	MA 6649
		Gore, Hants Co., Nova Scotia.	
McPherson, Barbara W.	Phys. Ed. 2	4180 Wilson Ave., Montreal	DE 9864
Macpherson, John.	B.A. 1	1016 Gilford St., Montreal	
MacQueen, David J. H. O.	B.A. 3	927 Clifton Ave., Montreal	DE 4627
MacQueen, Jack M.	Arts P	3485 McTavish St., Montreal	PL 1649
		Ross Ferry, Boulardarie, Vict. Co., N.S.	
McQuillan, William J.	Law 3	1221 Island St., Montreal	WI 1980
McRae, Donald C.	Com. 4	143 Ballantyne Ave. N., Montreal West	WA 8222
Macrae, Donald H.	Med. 3	3478 McTavish St., Montreal	PL 7412
		905 4th Ave., Great Falls, Montana.	
McRobie, Donald R.	Com. 4	647 Grosvenor Ave., Westmount	EL 6767
McSkimming, Grace E.	Arts P	144 Maple Ave., St. Lambert	StL. 594W
MacVicar, Roderick M.	Grad. Sch.	113 Melrose Ave., Ottawa	
		7 MacVicar House, Glace Bay, N.S.	
Macé, J. P. Maurice.	Eng. 3	4834 St. Urbain St., Montreal	DO 8141
Machin, Samuel G.	Arts P	3506 University St., Montreal	MA 2055
		142 Cumberland Rd., Bristol, England.	
Macorquodale, D. Fraser.	B.A. 4	744 Roslyn Ave., Westmount	EL 2327
Magil, Louis B.	Arch. 3	5247 Clarke St., Montreal	CR 7420
Maguire, James C.	Eng. 1	755 Champagneur Ave., Outremont	DO 4261
Mahoney, Maurice F.	Dent 2	Strathcona Hall, Montreal	PL 1156
		288 Maple St., Burlington, Vt.	
Mahoux, Raymond J.	Eng. 1	9 St. Catherine St. W., Montreal	HA 6364
Mainwaring, Alexander J. L.	B.A. 1	4111 Dorchester St., Montreal	WI 8474
		St. Alban's, Brockville, Ont.	
Mair, Isobel C.	Lib. Sch.	3560 Mountain St., Montreal	PL 1405
		Woodstock, N.B.	
Malcolm, Mary P.	B.A. 2	1 Rosemount Ave., Apt. 63, Westmount	FI 2151
Mallek, Howard.	Med. 2	3566 University St., Montreal	MA 7205
		1212 Douglas St., Victoria, B.C.	
Mallett, Barbara.	B.Sc. 3	1720 Cedar Ave., Montreal	FI 0966
Malley, Bryan P.	B.Sc. 2	3454 Peel St., Montreal	PL 1674
		15 Freeman Place, Hamilton, Ont.	
Malloy, Connolly J.	Med. 4	257 Milton St., Montreal	
		Blind River, Ontario	
Malone, Edmund J.	Eng. 1	3707 Mentana St., Montreal	FR 4422
Malouf, Philip M.	Eng. 3	4629 Park Ave., Montreal	HA 8200
Mamchur, Stephen W.	Grad. Sch.	3420 Hutchison St., Apt. 15, Montreal	LA 3850
		Krydor, Sask.	
Mancuso, Anthony J.	Dent. 2	3534 University St., Montreal	PL 6024
		1629 Clifford Ave., Rochester, N.Y.	
Mancuso, Salvatore.	Med. 2	3537 Park Ave., Montreal	HA 3736
Manion, Robert J.	B.A. 4	1025 Sherbrooke St. W., Montreal	PL 6508
		15 Allan Place, Ottawa, Ont.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Manley, Cicely	Law 2	2214 Dorchester St. W., Montreal	WI 0926
Manley, Wilber J	Med. 3	900 Sherbrooke St. W., Montreal 447 Fort Washington Ave., New York, N.Y.	LA 9417
Mantell, Cecil	B.Sc. 2	266 St. Viateur St., Montreal 24 Principal. Ste. Agathe des Monts.	DO 8796
Manwaring, John T	Med. 1	3566 University St., Montreal 918 E. Kearsley St., Flint, Mich.	MA 7205
Marcus, Albert	Law 3	5793 Déom Ave., Montreal	AT 0779
Margolick, Moses	Med. 4	1214 Lajoie Ave., Outremont	AT 5130
Mark, Malcolm A	B.A. 1	3485 McTavish St., Montreal Port Hope, Ont.	PL 1649
Markey, Donald C	B.A. 4	Chateau Apts., Sherbrooke St. W., Montreal	PL 2443
Markham, Walter M	Com. 3	Acadia Apts., Sherbrooke St., Montreal	LA 5025
Marrotte, L. Gilbert	Com. 3	224 Brock Ave., Montreal West	WA 1920
Marsden, James	Grad. Sch	3468 Hutchison St., Montreal Sydney Mines, Cape Breton.	HA 5905
Marsh, Kathleen	B.A. 2	12357 Dion St., Cartierville	BY 1585
Marsh, William E	Med. 2	545 Pine Ave. W., Montreal 2941 Northwood Drive, Alameda, Calif.	MA 1545
Marshall, A. J	Theol. 1	3473 University St., Montreal	MA 4902
Marshall, Alexander	Med. 2	539 Pine Ave., Montreal Okanagan Centre, B.C.	MA 7818
Marshall, Florence E	B.A. 2	4253 Beaconsfield Ave., Montreal	EL 4591
Marshall, Harry B	Grad. Sch	3637 Oxenden Ave., Montreal 1415–8th Ave., New Westminster, B.C.	MA 8729
Marshall, James	Grad. Sch	Macdonald College, Que. Okanagan Centre, B.C.	
Marshall, Joyce I	B.A. 3	348 Grovenor Ave., Westmount	EL 3606
Martin, Earl P	Eng. 2	3542 Lorne Ave., Montreal Buckingham, Que.	MA 6825
Martin, Henry D	B.A. 4	3062 Westmount Blvd., Westmount	FI 5371
Martin, H. Milton	Eng. 1	2211 Dorchester St. W., Montreal Apt. K, Annamae Apts., Edmonton, Alta.	WI 2232
Martin, John P	Com. 2	3559 University St., Montreal 424 St. Cyrille, Quebec City.	MA 2693
Mason, Albert B	B.A. 1	1536 Galt Ave., Montreal	FI 5324
Mason, Bernard A	Med. 2	2101 University St., Apt. 15, Montreal 256 Coleman St., Chippewa Falls, Wis.	
Mason, Clarence T	Grad. Sch	3437 Shuter St., Montreal 1317 Emerson St., Evanston, Ill.	MA 8864
Mason, Stanley G	Eng. 2	2187 Clifton Ave., Montreal	DE 4180
Mastrianni, Michael A	Med. 3	3512 Park Ave., Montreal 46 Warsaw Ave., Mechanicville, N.Y.	LA 3977
Matheson, Donald M	B.Sc. 1	139 Ballantyne Ave., Montreal West	WA 2094
Mathews, William H	Med. 3	41–D Gleneagles, 3940 Cote des Neiges, Montreal	WI 8261
Mattison, Berwyn F	Med. 3	3683 Hutchison St., Montreal Fort Ann, N.Y.	
Maughan, George B	Med. 5	596 Grosvenor Ave., Westmount	EL 2372
Maxwell, Benjamin R	Med. 1	2218 Dorchester St. W., Montreal Hopewell, N.S.	WI 2494
Maxwell, Charles S	Grad. Sch	3506 University St., Montreal 102 Mercier St., St. John's, Que.	MA 2055
Maxwell, Charles W. B	Grad. Sch	868 George St., Fredericton, N.B.	
Maybury, Muriel P	B.A. 4	3597 St. Urbain St., Apt. 9, Montreal	HA 5834
Maycock, William D'A	Med. 4	1546 Crescent St., Apt. 7, Montreal. London, Eng.	PL 6821
Mayer, H	Theol. 3	657 Murray Hill, Westmount	WE 6225
Mayoff, Moses	Med. 4	379 Edward Charles St., Apt. 4, Montreal	DO 6595
Meagher, Robert D	Eng. 2	1441 Drummond St., Montreal 571 Island Park Drive, Ottawa, Ont.	MA 4171
Meakins, Jonathan F	Med. 3	61 Rosemount Ave., Westmount	FI 1433
Meany, John H	Med. 2	3559 University St., Montreal Main St., Hinsdale, N.H.	MA 2693

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Medine, Myer M	Med. 3	2082 Sherbrooke St. W., Montreal	WI 7714
Meiklejohn, Gordon	Med. 2	3578 Shuter St., Montreal	MA 4938
		1015 Vallejo St., San Francisco, Calif.	
Mellor, Alfred G.	Eng. 4	619 Belmont Ave., Westmount	WE 6391
Mendelsohn, David	B.Sc. 1	4921 Sherbrooke St. W., Montreal	
Mendelsohn, Jack	B.A. 1	5754 Clarke St., Montreal	CR 4752
Mendelson, Hyman	B.A. 2	5139 Jeanne Mance St., Montreal	CR 0356
Mendelssohn, Manuel J.	Arch. 5	5462 Park Ave., Montreal	CR 6957
Menzies, David L.	Med. 2	55 Bruce Ave., Westmount	FI 3825
Menzies, Dorothy P.	Arts P.	55 Bruce Ave., Westmount	FI 3825
Menzies, Hazel J.	B.A. 3	6635 LaSalle Blvd., Verdun	YO 1087
		2142 Robinson St., Regina, Sask.	
Mercer, Frances P.	B.A. 1	Royal Victoria College, Montreal	MA 9176
		Smith's Parish, Bermuda.	
Mercer, John L.	Med. 5	588 Pine Ave., Montreal	MA 2041
		174 W. Main, Malone, N.Y.	
Mercer, Wm. C.	Theol. 2	3506 University St., Montreal	MA 2055
		Bay Roberts, Newfoundland.	
Merkley, Eileen T.	B.A. 2	Royal Victoria College, Montreal	MA 9176
		3055 Angus St., Regina, Sask.	
Merryth, Francis E.	Com. 1	3669 Berri St., Montreal	WI 7447
Meyer, Olaf	B.Sc. 1	28 St. Cyr, Montreal East	Pte. aux Trembles 351
Michaloplos, Theodore	Grad. Sch.	1505 Bleury St., Montreal	LA 9373
		462 Central Ave., Dover, N.H.	
Michaud, Martha M.	B.A. 3	184 St. Laurence, Longueuil, Que.	Long. 156
Mickles, Mary M.	B.A. 3	1490 Pine Ave. W., Montreal	FI 2939
Milburne, Kathleen E.	Grad. Sch.	4221 Oxford Ave., Montreal	WA 1039
Millar, Jack R.	Eng. 1	4052 Vendome Ave., Montreal	DE 7083
Millar, M. Elizabeth	B.Sc. 3	2066 Claremont Ave., Apt. 63, Montreal	DE 6495
		242 Isabella St., Pembroke, Ont.	
Miller, Alice E.	B.A. 4	49 Nelson St., Montreal West	WA 1984
Miller, Barbara W.	B.A. 1	3508A Park Ave., Montreal	MA 5093
		Sutton, Quebec.	
Miller, Errol L.	Eng. 2	5849 Jeanne Mance St., Montreal	CR 5113
Miller, Margaret A.	B.A. 4	3841 Draper Ave., Montreal	DE 8663
Miller, Ralph S.	Eng. 3	3631 Lorne Crescent, Montreal	HA 3954
		133 Spring Garden Rd., Halifax, N.S.	
Miller, Saul	B.Sc. 3	357 Broadway Ave., Lachine	Lch. 481
Mills, James M.	B.A. 1	344 Lansdowne Ave., Westmount	DE 3290
Millward, James B.	B.A. 4	3473 University St., Montreal	MA 4902
		6017–3rd Ave., Rosemount.	
Miner, John W. H.	B.Sc. 2	1321 Sherbrooke St. W., Montreal	PL 5358
		Granby, Quebec.	
Miner, M. Eleanor	B.A. 4	1321 Sherbrooke St. W., Montreal	PL 5358
		Granby, Quebec.	
Miner, Sarah E.	B.A. 4	1321 Sherbrooke St. W., Montreal	PL 5358
		Granby, Quebec.	
Minnes, James F.	Med. 5	1636 Sherbrooke St. W., Montreal	FI 3722
		295 Metcalfe St., Ottawa, Ont.	
Minnion, Arthur M.	Grad. Sch.	3025 Sherbrooke St. W., Apt. 14, Montreal	FI 2909
Mitchell, Archibald S.	B.Sc. 1	135 Balfour Ave., Mount Royal	AT 5537W
Mitchell, David J.	Eng. 4	929 Atwater Ave., Montreal	FI 7994
		East Templeton, Que.	
Mitchell, Gerald V.	Med. 1	3527 Hutchison St., Montreal	LA 0089
		122 Elm St., Winstead, Conn.	
Mitchell, Gifford J.	B.A. 4	3506 University St., Montreal	MA 2055
		Knowlton, Que.	
Mitchell, William	Law 3	3448 Stanley St., Montreal	PL 2806
Mode, G. Stuart	Med. 4	3583 Hutchison St., Montreal	HA 9524
		Vankleek Hill, Ont.	
Moellmann, Albert	Grad. Sch.	Strathcona Hall, Montreal	PL 1156
		Talibee Lake, Sask.	
Moffat, Elizabeth W.	Grad. Nurse	4747 Connaught Ave., Montreal	WA 4876
Moll, Albert E.	Med. 2	619 Victoria Ave., Westmount	EL 3564
Molson, Naomi K.	B.A. 2	1517 MacGregor St., Montreal	FI 3232
Molson, Walter K.	B.A. 1	1517 MacGregor St., Montreal	FI 3232
Monahan, William D.	Med. 3	3683 Hutchison St., Apt. 35, Montreal	MA 4802
		Lancaster, N.H.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Moncaster, Constance M.	Com. 2.	2338 Belgrave Ave., Montreal	DE 2363
Monks, Herbert T. J.	B.Sc. 3.	4060 Hampton Ave., Montreal	WA 2243
Monro, Hector A. U.	Grad. Sch.	3572 Lorne Ave., Apt. 3.	MA 1831
		Brulos Addington Rd., West Wickham, Kent, England.	
Monteith, John G.	Com. 3.	3429 Peel St., Montreal	PL 7385
		1026 Fairfield Rd., Victoria, B.C.	
Montgomery, A. Enid	Arts P.	3562 Mountain St., Montreal	PL 6502
Montgomery, Brock L.	Eng. 4.	3581 University St., Montreal	MA 3842
		New Richmond, Que.	
Montgomery, Eileen L.	Phys. Ed. 2.	Royal Victoria College, Montreal	MA 9176
		Kimberley, B.C.	
Montgomery, Frances E.	Com. 3.	779 Hartland Ave., Outremont	AT 1304
Montgomery, Frances L.	B.A. 4.	2051 Coursol St., Montreal	WI 7768
		Sawyerville, Que.	
Montgomery, George H.	Law 1.	3562 Mountain St., Montreal	PL 6502
Montgomery, Thomas H.	B.A. 2.	1176 Sherbrooke St. W., Montreal	MA 1447
		Phillipsburg, Que.	
Mooney, Malcolm C.	Med. 3.	3647 University St., Montreal	MA 2806
		316 Grande Allée, Quebec City.	
Moore, James T.	B.A. 1.	4155 Cote des Neiges Rd., Apt. 2, Montreal	FI 7376
Moore, Julia E.	B.A. 2.	4155 Cote des Neiges Rd., Apt. 2, Montreal	FI 7376
Moran, William T.	Com. 3.	220 Cote St. Catherine Rd., Montreal	AT 2544W
Morgan, Frederick	B.A. 2.	3454 Peel St., Montreal	PL 1674
		Ranéon B. Castro 1191, Buenos Ayres. Alivos F.C.C.A., Argentine	
Morgan, G. L.	Theol. 3.	3506 University St., Montreal	MA 2055
		Port de Grave, Nfld.	
Morgan, Henry G.	Med. 1.	3406 Durocher St., Montreal	PL 6707
		6305 Sunset Blvd., Hollywood, Calif.	
Morgan, James E.	B.A. 1.	244 Percival Ave., Montreal West	WA 1852F
Morgan, Ralph T.	Eng. 3.	3378 Selby St., Montreal	WI 6290
Morin, Jacques M.	Arch. 1.	37 Spring Grove, Montreal	AT 1971
Morison, Charles K.	Lib. Sch.	3485 McTavish St., Montreal	PL 1649
		85 St. Joseph St., Dorval, Que.	
Morisset, J. Fernand	Eng. 4.	366 Milton St., Montreal	HA 7837
		Ville-Marie, Que., Box 313	
Morley, Frank S.	Theol. 2.	3485 McTavish St., Montreal	PL 1649
		Huntsville, Ont.	
Morris, Harold K.	Eng. 3.	2063 Stanley St., Montreal	MA 9038
		8625–112th St., Edmonton, Alta.	
Morris, Herbert E.	Grad. Sch.	2019 Stanley St., Apt. 12, Montreal	
		10238—105th St., Edmonton, Alta.	
Morris, K. Georgiana	B.A. 4.	Royal Victoria College, Montreal	MA 9176
		22 Atlantic Ave., St. John's, Newfoundland.	
Morrison, John D.	B.Sc. 1.	193 Wolseley Ave., Montreal West	WA 4074W
Morrison, Nora Y.	B.A. 2.	3562 Prud'homme Ave., Montreal	DE 2376
		10 Poplar St., Gatineau, Que.	
Morrison, Norman D.	Med. 5.	2007 Mansfield St., Apt. 31, Montreal	LA 4631
		San Mateo, Calif.	
Morse, Marion C.	Lib. Sch.	3466 University St., Montreal	MA 2608
		Paradise, Nova Scotia.	
Moseley, Shirley C. T.	Eng. 3.	1607 Selkirk Ave., Montreal	FI 8219
		Lunenburg, Nova Scotia.	
Moser, John H.	Med. 3.	3578 Shuter St., Montreal	LA 3768
		209 Culver Rd., Rochester, N.Y.	
Motherwell, Charles G.	Eng. 1.	574 Cote St. Antoine Rd., Westmount	EL 9817
Motley, Phillips C.	B.A. 4.	2 Sunnyside Ave., Westmount	WE 2469
Mowatt, Boswell S.	B.A. 2.	1622 St. Catherine St. W., Montreal	FI 4724
		Ile Aux Cerfs, Que.	
Muir, William L. G.	Grad. Sch.	4223 Dorchester St. W., Montreal	WE 4406
		Portinstuch, Blairmore, Argyll, Scotland.	
Mullally, Eileen I.	B.A. 3.	2021 Union Ave., Montreal	HA 9560
Mullen, Thomas J.	Eng. 4.	4338 Draper Ave., Montreal	EL 5292
Muller, Francis B.	B.Sc. 1.	449 Claremont Ave., Westmount	DE 6770

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Mulligan, Marjorie M.	Law 3	3628 Lorne Crescent, Apt. 4,, Montreal Maniwaki, Que.	
Mulligan, William O.	Grad. Sch	351 Melville Ave., Westmount	WE 5233
Munroe, Maxine M.	B.A. 3	3406 Durocher St., Montreal Government House, Regina, Sask.	PL 6707
Munroe, W. G. Cuthbert	Med. 5	235 Strathearn Ave., Montreal West	WA 4792
Murphy, Daniel E.	B.Sc. 3	1028 Fairmount Ave., Outremont	DO 5473
Murphy, Daniel F.	Eng. 2	6805 Chabot St., Montreal	CR 5857
Murphy, Edmund P.	Med. 4	3575 Hutchison St., Montreal 2652 Bloomington Ave. S., Mpls, Minn.	PL 3377
Murphy, Florence E.	B.A. 2	620 Victoria Ave., Westmount	EL 4569
Murphy, George B.	Law 1	Chalfonte Apts., Mansfield St., Montreal 97 London St., Sherbrooke, Que.	LA 5335
Murray, George S.	Com. 2	3609 University St., Montreal 233 Clemow Ave., Ottawa, Ont.	MA 4300
Murray, Kenneth H.	Phys. Ed	4630 Royal Ave., Montreal	EL 7669
Murray, Robert D.	B.A. 3	120 Percival Ave., Montreal West	WA 0028
Mussell, Jocelyn E.	B.A. 2	27 Milner Ave., Montreal West	WA 0792
Mussen, Guy A.	Eng. 3	2076 Sherbrooke St. W., Montreal	FI 1785
Myerson, Dorothy	B.A. 2	2008 Maplewood Ave., Montreal	AT 4227
Nakano, Shimpei	Arch. 2	2076 University St., Montreal	HA 8985
Nash, Marion E.	Arts P	4 Oldfield Ave., Apt. 9A, Montreal	PL 5446
Neamtan, Samuel M.	B.Sc. 4	214 St. Joseph Blvd. W., Montreal	DO 5427
Nebach, Molly	B.A. 3	6509 Papineau Ave., Montreal	DO 9336
Neeland, William D.	B.Sc. 4	3433 Peel St., Montreal 328 Catherine St., Fort William, Ont.	PL 2073
Negru, John H.	Med. 4	1527 Burnside Place, Montreal	FI 2021
Nelles, Stephen B.	Med. 2	3406 Durocher St., Montreal 2912 Rae St., Regina, Sask.	PL 6707
Nelson, Leeds M.	Com. 4	2147 Vendome Ave., Montreal	EL 2368
Nelson, Richard W.	Med. 4	257 Villeneuve St., Montreal Kane, Pa., R.1.	CR 3458
Newell, Thomas A.	Eng. 2	4052 Wilson Ave., Montreal	WA 2617
Newman, H. J. Ross	B.A. 1	3270 Cedar Ave., Westmount	WE 2663
Newton, Alexandra E. N.	B.A. 3	Royal Victoria College, Montreal 155 Victoria St., Sherbrooke, Que.	MA 9176
Newton, Berne L.	B.A. 2	644 Lansdowne Ave., Westmount	DE 1831
Newton, Victor W.	Eng. 1	427 Lansdowne Ave., Westmount 165 Portland Ave., Sherbrooke, Que.	WE 4984
Nicholls, John V.	Med. 5, Grad.Sch.	2174 Sherbrooke St. W., Montreal	WI 9237
Nicholls, Robert V.	Grad. Sch	2174 Sherbrooke St. W., Montreal	WI 9237
Nichols, Judson T.	Eng. 4	81 Chesterfield Ave., Westmount	DE 6505
Nicholson, Arthur C.	B.A. 3	3473 University St., Montreal 9 Eldon St., Sunderland Co., Durham, England.	MA 4902
Nicholson, Gwendolyn M.	B.A. 4	23 Donegani Ave., Valois	Pte. Claire 382J
Nicholson, John H.	Eng. 1	175 Birch Ave., St. Lambert	St.L. 472
Nickson, John E.	Com. 4	1390 Sherbrooke St., Apt. 9, Montreal	LA 4961
Nicolson, Walter W.	Med. 5	3442 Durocher St., Montreal 1201 Park Ave., Alameda, Calif.	MA 7866
Niven, William G. A.	B.Sc. 1	5835 Terrebonne Ave., Montreal	DE 2221
Nixon, James R.	Med. 4	3564 Shuter St., Apt. 20, Montreal 1392 Victoria St., N. Battleford, Sask.	MA 4920
Nixon, Robert J.	Eng. 2	647 Belmont Ave., Westmount	WE 4808
Nobbs, Francis J.	Arch. 3	38 Belvedere Road, Westmount	WE 4612
Noël, Colette	Grad. Nurse	3524 Hutchison St., Apt. 26, Montreal St. Ferdinand, Que.	MA 6623
Noiseux, Jean-Paul	Com. 1	330 Olivier Ave., Westmount	FI 4734
Nolan, John A.	B.A. 4	832 Davaar Ave., Outremont	AT 2222
Normington, Esmeralda J.	B.Sc. 1	39 Windsor Ave., Westmount	EL 8001
Normington, James B.	Grad. Sch	39 Windsor Ave., Westmount	EL 8001
Norris, Kenneth E.	Grad. Sch	3581 Benny Ave., Montreal	DE 6110
Norton, Raymond J.	Arch. 1	3441 Decarie Blvd., Montreal	DE 4583
Norwood, William D.	Med. 4	257 Dorchester St. W., Montreal 101 Forest Drive, Catonsville, Md.	LA 8686
Novek, Ruth	B.Sc. 4	3837 Girouard Ave., Montreal	EL 4791

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Novinger, George T.	B.A. 3	398 Roslyn Ave., Westmount	DE 1222
Nowlan, Brete C.	Eng. 1	5510 Queen Mary Road, Montreal.	EL 5104
Nugent, William O.	B.A. 3	3485 McTavish St., Montreal	PL 1649
		56 Forward Ave., London, Ont.	
Nutik, Harry L.	Med. 1	4908 Sherbrooke St. W., Montreal.	DE 3488
Nutter, John A.	Eng. 2	48 Chesterfield Ave., Westmount	EL 7114
O'Brien, Henry J. S.	B.A. 1	420 St. Catherine Rd., Montreal.	AT 0979
O'Brien, John J.	Eng. 1	10 Douglas Ave., Westmount	WE 1234
O'Brien, William L. S.	Com. 1	420 St. Catherine Road, Montreal.	AT 0979
O'Connor, Brendan.	Law 2	1199 Seymour Ave., Montreal	WI 0956
O'Connor, John J.	Med. 1	418 Prince Arthur St. W., Apt. 8, Montreal	LA 9366
		247–21 91st Ave., Bellerose, L.I., N.Y.	
O'Connor, Ward C.	Com. 2	3785 Draper Ave., Montreal	DE 0563
Ogilvie, Douglas R.	Law 2	26 Richelieu Place, Montreal	LA 3329
Ogilvie, Elizabeth P.	B.A. 1	5555 Terrebonne Ave., Montreal	EL 6648
Ogilvie, Ian.	B.A. 4	3529 Simpson St., Montreal	FI 8181
Ogilvie, Lorne F. W.	Com. 4	26 Richelieu Place, Montreal.	LA 3329
Okulitch, Vladimir J.	Grad. Sch.	1448 MacKay St., Montreal	WI 7025
		Abbotsford, B.C.	
Ogulnik, Victor F.	Med. 3	5 Belfrage Rd., Westmount.	EL 4503
O'Hara, Gerald P.	Med. 5	Montreal Foundling and Baby Hospital	HA 9828
		678–9th Ave., San Francisco, Calif.	
Oldham, Frances K.	B.Sc. 4	1034 Sherbrooke St. W., Montreal.	LA 9359
		Cobble Hill, Vancouver Island.	
Olesker, Norman H.	Med. 2	3507 Van Horne Ave., Apt. 3, Montreal	AT 1368
Oliver, Howard T.	B.A. 2	1483 Closse St., Montreal	WI 4442
		415–10th St., Saskatoon, Sask.	
Oliver, Robert W.	Com. 4	460 Manning Ave., Verdun	YO 2211
Olker, Louis C.	Med. 3	3683 Hutchison St., Apt. 45, Montreal	LA 6700
		837 Wall St., Chico, Calif.	
O'Neil, Gordon B.	Med. 3	3506 University St., Montreal	MA 2055
		7575 Selkirk, Vancouver, B.C.	
O'Neill, James H.	Med. 2	409 Prince Arthur St. W., Montreal	PL 5395
		St. Andrews, N.B.	
O'Neill, Morna Y.	B.A. 3	Royal Victoria College, Montreal.	MA 9176
		53 Drummond St., Granby, Que.	
Orbane, Louis.	B.Sc. 1	2826 Dickson Ave., Montreal	CL 6448J
O'Reilly, Edwin B.	Med. 4	2082 University St., Montreal	PL 0575
		427 Fruit Hill Ave., North Providence, R.I.	
Orlando, Mario P.	Med. 4	3728 Jeanne Mance St., Montreal.	PL 8292
Orr, Leslie J.	B.Sc. 2	6272 St. Denis St., Montreal	CR 6004
Ortenberg, Judith B.	B.Sc. 2	5431 Duquette Ave., Montreal	DE 0404
O'Shaughnessy, Martin D.	Eng. 1	2082 Vendome Ave., Montreal	DE 6674
		Box 354, Cobalt, Ontario.	
Osmun, Paul M.	Med. 2	640 Prince Arthur St. W., Montreal.	MA 9531
		Netcong, N.J.	
Ostle, Arthur J.	Arts P.	3473 University St., Montreal	MA 4902
		88 Queens Rd., Liverpool, England.	
Overbaugh, Sidney C.	Grad. Sch.	2031 Union Ave., Montreal	HA 6038
		Gadsby, Alta.	
Oswald, William E. D.	B.A. 3	24 Hampton Court Apts., Montreal.	MA 7967
Otter, Douglas B.	B.Sc. 1	35 Westminster Ave., Montreal West	WA 0101
Owen, Alfred E.	Arts P.	3506 University St., Montreal	MA 2055
		32 Denison St., Weston, Ont.	
Pacaud, Robert A.	Eng. 1	1469 Drummond St., Montreal	LA 4887
Pae, Agnes Mary.	Arts P.	485 Prince Albert Ave., Montreal.	EL 7836
Painter, Adele L.	B.A. 2	215 Carlyle Ave., Montreal	AT 1822
Paist, Gertrude W.	B.A. 4	Royal Victoria College, Montreal.	MA 9176
		Lovella Ave., Wayne, Penna.	
Pall, David B.	B.Sc. 2	4527 Decarie Blvd. Montreal	DE 2143
		Box 474, Kamsack, Sask.	
Palmer, James N.	Med. 2	1429 Crescent St., Montreal	PL 4013
		225 Glen St., Glens Falls, N.Y.	
Palmer, Russell F.	Eng. 3	63 Oak Ave., St. Lambert	St.L. 629
Pangman, John B.	Science P.	1291 Redpath Crescent, Montreal.	LA 7036
Panos, George S.	Eng. 4	29 Cote St. Catherine Road, Outremont	CR 4211

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO
Panter, Shraga F.	Grad. Sch.	4858 St. Urbain St., Montreal	CR 8591
Parent, Jean-Louis	Eng. 2	4604 Jeanne Mance St., Montreal 9 Gordon St., Sherbrooke, Que.	PL 4850
Park, F. W.	Law 3	3609 University St., Montreal Newcastle, N.B.	MA 4300
Parker, Ceylon M.	Med. 4	3469 Hutchison St., Montreal Malone, N.Y.	LA 9441
Parkinson, Roland	B.Sc. 1	41–56th Ave., Lachine, Que.	Lch. 111J
Parkovnick, Samuel	Med. 5	6558 Papineau Ave., Montreal	
Parsons, H. E.	Theol. 2	3506 University St., Montreal 26 Commonwealth Terrace, Allston, Mass.	MA 2055
Passino, Leon C.	Med. 5	Strathcona Hall, Montreal 75 Constable St., Malone, N.Y.	PL 1156
Patch, Joan L.	B.A. 1	3156 Westmount Blvd., Westmount	FI 2882
Patch, Rodney A.	B.A. 2	3156 Westmount Blvd., Westmount	FI 2882
Paton, Charles P.	Eng. 3	53 Wolseley Ave., Montreal West	WA 4063
Patrick, James H.	B.A. 2	4465 Sherbrooke St., Westmount	WE 2211
Pattee, Chauncey J.	Med. 3	127 Ballantyne Ave., N., Montreal West	WA 7169
Pattee, Frank L.	Law 2	127 Ballantyne Ave., N., Montreal West	WA 7169
Patten, Robert W.	Med. 4	515 Pine Ave., Montreal Chilliwack, B.C.	PL 8060
Patterson, John H.	Theol. 3	5593 Jeanne Mance St., Montreal	CR 0451
Patterson, Margaret M.	B.A. 2	1227 Sherbrooke St., Apt. 43, Montreal	MA 8582
Patterson, R. Ross	B.A. 2	2096 Maplewood Ave., Montreal	AT 1278
Patton, Hugh B.	Med. 3	515 Pine Ave., Montreal	PL 8060
Patton, Hugh M.	B.Sc. 2	2007 Mansfield St., Apt. 29, Montreal Ormstown, Que.	LA 5309
Patton, Huntley M.	Com. 4	495 Prince Arthur St. W., Apt. 6, Montreal Truro, N.S.	BE 1707
Payan, Charles F.	Eng. 1	1441 Drummond St., Montreal 309 Girouard St., St. Hyacinthe, Que.	MA 4171
Payne, George L.	B.Sc. 2	4378 Western Ave., Apt. G, Montreal 417 Westgate Rd., Baltimore, Md.	WI 0371
Payne, John S. R.	Com. 3	5955 Cote St. Antoine Rd., Montreal	EL 9159
Peacock, John O.	B.A. 2	5120 Westbury Ave., Apt. 11, Montreal	
Pearce, Catherine A.	B.A. 4	Royal Victoria College, Montreal Heatherbrae, Picton, Ont.	MA 9176
Pearce, John P.	B.Sc. 1	1441 Drummond St., Montreal Picton, Ont.	MA 4171
Peck, Elizabeth M.	Arts P.	3460 Simpson St., Montreal	FI 4335
Peck, Esmond H.	Eng. 2	3460 Simpson St., Montreal	FI 4335
Peck, Horace W.	B Sc. 2	1441 Drummond St., Montreal Sidney, B.C.	MA 4171
Peck, Oswald	Grad. Sch.	Macdonald College, Que. Oyen, Alta.	Ste.A. 116
Peck, Robert A.	B.A. 3	268 May Ave., Montreal	WI 2895
Peden, Gwen W.	Grad. Sch.	161 Strathearn Ave., Montreal West	WA 0379
Peebles, Felix	Med. 1	3532 Lorne Ave., Montreal Jefferson, Texas.	MA 5992
Peltier, Mary E.	B.A. 2	330 Brock Ave., Montreal West	WA 8547
Pengelley, Charles D.	Eng. 1	1545 MacKay St., Montreal Walderston, Jamaica, B.W.I.	PL 7876
Percy, George T.	Com. 3	512 Champagneur Ave., Montreal	AT 3994
Perego, Henry A.	Eng. 4	3837 Old Orchard Ave., Montreal	EL 4472
Perelmuter, Hyman G.	B.A. 3	763 Querbes Ave., Apt. 1, Montreal	DO 4570
Perez, Eugene R.	Med. 3	3617 Lorne Crescent, Montreal Hollister, California.	MA 3147
Perham, James A.	B.Sc. 1	1 Bellingham Ave., Outremont	AT 0827
Perks, Robert L.	B.Sc. 1	7471 Bloomfield Ave., Montreal	AT 3793
Perlson, Phyllis V.	B.A. 4	99 Cedar Ave., Pointe Claire, Que.	Pte. Claire 187
Perowne, Margaret B.	Phys. Ed. 2	128 Balfour Ave., Montreal	AT 7544
Perrault, Edwidge M.	B.Sc. 3	2 Northview Court, 4100 Cote des Neiges, Montreal	WI 9008

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Perrault, Morris M.	B.A. 4.	2 Northview Court, 4100 Cote des Neiges, Montreal.	WI 9008
Perreault, Raymond R.	Med. 4.	2082 University St., Montreal.	PL 0575
		46 Chestnut St., Rochester, N.H.	
Perrie, John.	B.A. 1.	6039 Jeanne Mance St., Montreal.	CR 1825
Perrigard, Elma E.	B.A. 4.	4033 Vendome Ave., Montreal.	DE 8342
Perrin, Pierre J.	Law 1.	577 Desaulniers Blvd., St. Lambert.	St.L. 194
Perry, Colin W.	B.Sc. 1.	4451 Harvard Ave., Montreal.	EL 5343
Perry, Freeman.	B.Sc. 1.	Apt. 33, 1490 Fort St., Montreal.	WI 4642
		Chambly Canton, Que.	
Persad, Hugh S.	Arts P.	3506 University St., Montreal.	LA 5787
Peters, Irene M.	B.A. 2.	Royal Victoria College, Montreal.	MA 9176
		Hotel Chateau Crillon, Rittenhouse Square, Philadelphia, Pa.	
Peters, James H.	Eng. 3.	4129 Dorchester St., W. Apt. 1, Westmount.	FI 2219
		Rothesay, N.B.	
Peterson, Alfred J. J.	Eng. 4.	1313 Beaubien East, Montreal.	
Petrie, Allison E.	Arts P.	3426 McTavish St., Montreal.	PL 4538
		2117 Hope St., Calgary, Alta.	
Petrie, Charles B.	Med. 4.	545 Pine Ave. W., Montreal.	LA 6885
		Newcastle, N.B.	
Phelan, Alice C.	Arts P.	455 Clarke Ave., Westmount.	WE 4118
Phillips, Robert W.	Eng. 4.	Chambly Canton, Que.	
Pibus, Evelyn M.	Grad. Nurse.	1201 St. Mark St., Montreal.	WI 3323
		Knowlton, Que.	
Picard, R. Leonard M.	B.A. 2.	426 Grosvenor Ave., Westmount.	DE 5209
Piché, Alphonse.	Com. 1.	2030 St. Denis St., Apt. 8, Montreal.	PL 3659
		St.-Bruno-de-Guigues, Que.	
Pick, Alfred J.	B.A. 2.	426 Clarke Ave., Westmount.	WE 4168
Pick, Violet E.	Phys. Ed. 2.	426 Clarke Ave., Westmount.	WE 4168
Pickens, Hilles R.	Arts P.	4324 Sherbrooke St., Montreal.	FI 8765
Pickett, Allison D.	Grad. Sch.	Wolfville, N.S.	
Piddington, Thomas A.	B.A. 3.	3454 Peel St., Montreal.	PL 1674
		441 Lampson St., Victoria, B.C.	
Pidgeon, Arthur L.	B.A. 1.	2054 Sherbrooke St. W., Montreal.	FI 2288
Pierce, Henry A.	Med. 4.	539 Pine Ave. W., Montreal.	MA 7818
		Allentown, Pa.	
Pilon, Louis G.	Eng. 1.	3556 Grey Ave., Montreal.	DE 4687
Pineo, Charles C.	B.A. 1.	3000 Breslay Road, Montreal.	FI 3793
Piper, Edward H.	B.A. 2.	2047 Vendome Ave., Montreal.	DE 2103
Pistreich, Archie L.	Eng. 4.	5638 Waverley Ave., Montreal.	CR 8267
Pitcher, Paul B.	B.A. 3.	3637 University St., Montreal.	MA 1824
		3860 Queen Mary Rd., Montreal	
Pittis, Harold E.	Med. 3.	3515 Durocher St., Apt. 52, Montreal.	LA 4376
		Lakehurst, N.J.	
Place, Kenneth M.	Com. 2.	141 Lakeshore Rd., Lakeside, Que.	Pte. Claire 395J
Place, Lindsay H.	Law 1.	141 Lakeshore Rd., Pte. Claire, Que.	Pte. Claire 395J
Place, Ronald E. G.	B.A. 4.	141 Lakeshore Rd., Pte. Claire, Que.	Pte. Claire 395J
Platt, Peter L. W.	Eng. 1.	2944 Viewmount Ave., Montreal.	FI 4275
		Filleigh House, Chudleigh, Devon, England.	
Plewes, Campbell A.	Grad. Sch.	3474 McTavish St., Montreal.	LA 7645
		51 James St. W., Brockville, Ont.	
Plunguian, Mark.	Grad. Sch.	3420 University St., Montreal.	MA 3485
		New York, N.Y.	
Poch, Lewis N.	B.Sc. 2.	4410 City Hall Ave., Montreal.	PL 1053
Poland, Jim D.	Com. 2.	139 Lazard Rd., Mount Royal.	AT 4584
Pollack, Isidore.	B.A. 3.	2156 Sherbrooke St. W., Apt. 2, Montreal.	WI 5985
		287 Grande Allée, Quebec.	
Pollack, Samuel L.	Med. 2.	2156 Sherbrooke St. W., Apt. 2, Montreal.	WI 5985
		287 Grande Allée, Quebec City.	
Poole, Aquila J.	B.A. 2.	3473 University St., Montreal.	MA 4902
		Belleoram, Newfoundland.	
Poole, Gordon D.	Grad. Sch.	30 Ballantyne Ave. S., Montreal West.	WA 0044F
Pope, Francis R.	Eng. 3.	422 Metcalfe Ave., Westmount.	WE 2686
Pope, George B.	Arch. 1.	422 Metcalfe Ave., Westmount.	WE 2686

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Pope, John H.	B.Sc. 3	3454 Peel St., Montreal	PL 1674
Pope, Vernon A.	B.A. 2	3471 Shuter St., Montreal	MA 7877
		North Hatley, Que.	
Popliger, Frances L.	Com. 1	262 De L'Epee Ave., Montreal	AT 3387
Porritt, Vera	B.A. 2	352 Elm Ave., Westmount	FI 5728
		Knowlton, Que.	
Porteous, George	Theol. 2	951 Davaar Ave., Montreal	AT 5285W
Porteous, John F.	Law 2	3433 Peel St., Montreal	
		6825 LaSalle Boulevard, Montreal	YO 0486
Porter, Gertrude D.	B.A. 1	Royal Victoria College, Montreal	MA 9176
		201 Denison Ave., Granby, Que.	
Porter, Kathleen L.	B.Sc. 4	64 St. Cyrille Ave., Outremont	AT 4121
Pounder, Elton R.	B.Sc. 4	1441 Drummond St., Room 1002, Montreal	MA 4171
		Asbestos, Que.	
Powell, Elizabeth	Arts P	202 Cote St. Antoine Rd., Westmount	WE 4174
Power, Elizabeth	Lib. Sch.	356 Kensington Ave., Westmount	FI 7347
Powers, Maurice	Med. 5	515 Pine Ave. W., Montreal	PL 8060
		Rockland, Ontario.	
Presner, Sylvia	B.A. 2	2080 Lincoln Ave., Montreal	WI 8295
Price, Frederick W.	B.A. 1	6399 Boyer St., Montreal	
Price, Jean E.	B.A. 1	Royal Victoria College, Montreal	MA 9176
		Arnprior, Ontario.	
Price, Ralph E.	Med. 5	3433 Shuter St., Montreal	MA 6935
		1355 Main, Moncton, N.B.	
Probert, Ralph H.	B.Sc. 1	107 Strathearn Ave., Montreal West	WA 0154
Proctor, Marian B.	B.A. 2	3579 Hutchison St., Montreal	MA 9508
		Malone, N.Y.	
Puddington, John C.	Law 1	3605 University St., Montreal	MA 3101
		Grand Falls, N.B.	
Pugh, Wilfred G.	B.A 1	653 Davaar Ave., Montreal	AT 1534
Pugsley, William H.	Com. 4	3581 University St., Montreal	MA 3842
		228 Rideau Terrace, Ottawa, Ont.	
Pullman, Joseph C.	Grad. Sch.	3431 Jeanne Mance St., Montreal	LA 6809
		Prince St., New Glasgow, N.S.	
Purtill, James T. K.	Eng. 3	3456 Hutchison St., Montreal	MA 7491
		24 Bloomingdale Terrace, Halifax, N.S.	
Purves, William F.	Eng. 3	296 Sherbrooke St. W., Montreal	HA 5078
		110–8th St., Saskatoon, Sask.	
Pye, Leslie G.	Com. 4	171 Notre Dame, St. Lambert	St.L. 83J
Pyper, K. Marjory	B.A. 2	48 Windsor Ave., Westmount	DE 2041
Quinlan, Clarence G. J.	Law 2	323 Redfern Ave., Westmount	FI 1649
Quinn, Louis J.	Med. 3	1511 Closse St., Apt. 5, Montreal	WI 7601
Quinn, Robert W.	Med. 1	3683 Hutchison St., Montreal	
		231 Brett St., Eureka, Calif.	
Rabin, Mark A.	B.Sc. 1	5160 Jeanne Mance St., Montreal	CR 3922
Rabinovitch, Rose	B.A. 3	6 Murray Ave., Westmount	FI 3339
Racey, Arthur G.	Dent. 1	4310 Montrose Ave., Westmount	FI 3009
Racey, Charles A. I.	B.A. 4	65 Pine Ave., St. Lambert	St.L. 816
Racicot, Celo P.	B.A. 1	875 McEachran Ave., Outremont	AT 1929
Ramsay, Alex W.	B.Sc. 3	4338 Marcil Ave., Montreal	DE 2743
		218–45th St., Newport News, Virginia.	
Ramsay, Allan A. R.	B.Sc. 1	4 St. George St., Ste. Anne de Bellevue	Ste.A. 49W
Ramsay, John N.	Eng. 2	3581 University St., Montreal	MA 3842
		45 Hillholm Rd., Toronto, Ont.	
Randell, Ralph L.	Med. 4	3615 Lorne Crescent, Montreal	HA 9914
		316 East Fourth St., Jamestown, N.Y.	
Randolph, Moses	Eng. 1	4610 Colonial Ave., Montreal	
Ransom, Olive S.	B.Sc. 2	461 Lansdowne Ave., Westmount	WE 3800
Ransom, R. Malcolm	B.A. 4	57 Somerville Ave., Westmount	EL 0563
Ransom, Rosmore H.	Eng. 4	57 Somerville Ave., Westmount	EL 0563
Rathie, William G.	Com. 1	609 Belmont Ave., Westmount	WE 5971
Rauch, Joseph	B.A. 1	257 Mount Royal East, Montreal	
Rawlings, Henry M.	Com. 3	3479 Stanley St., Montreal	PL 7576
Rawlinson, Herbert E.	Grad. Sch.	Department of Histology, McGill University, Montreal	MA 9181
		Dunblane, Sask.	
Ray, Hugh A.	B.Sc. 1	130 Kenaston Rd., Mount Royal	AT 5202

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Raymond, Antonio	Eng. 4	540 Wiseman Ave., Outremont	AT 1667
Raymond, George H.	Med. 4	640 Prince Arthur St. W., Montreal. Charlottetown, P.E.I.	MA 9531
Read, Grace M.	B.A. 1	123 Brock Ave. N., Montreal West	WA 4621
Rector, E. William	Med. 1	3637 University St., Montreal Nevada City, Calif.	MA 1824
Redewill, Francis H.	Med. 2	495 Prince Arthur St., Montreal 835 Hyde St., San Francisco	LA 4050
Redpath, Huntly R.	Law 1	3637 University St., Montreal Pincher Creek, Alta.	MA 1824
Reece, Alick A.	Med. 5	3616 Oxenden Ave., Montreal 48 Gordon St., Port of Spain, Trinidad, B.W.I.	MA 8815
Reed, Ernest S.	Grad. Sch.	3473 University St., Montreal 155 Inkster Blvd., Winnipeg, Man.	MA 4902
Reid, Alan A.	Eng. 3	102 Vivian Ave., Town of Mount Royal	AT 3340F
Reid, Eleanor E.	B.A. 3	59 Columbia Ave., Westmount	WE 5970
Reid, Frances H.	Grad. Nurse	Nurses Home, Royal Victoria Hospital 56 Waterloo Row, Fredericton, N.B.	PL 1251
Reid, Jean M.	B.A. 3	559 Grosvenor Ave., Westmount	EL 7539
Reid, Richard H.	Med. 2	495 Prince Arthur St. W., Apt. 12, Montreal Tuolumne, Calif.	LA 0793
Reid, Susan	B.A. 1	1425 Overdale Ave., Montreal	MA 5406
Reid, William S.	B.A. 4	619 Victoria Ave., Westmount	EL 3465
Reilley, John A.	B.A. 4	120 Easton Ave., Montreal West	WA 0415M
Reitman, Joseph	Dent. 4	3475 Jeanne Mance St., Montreal 20 Derkard St., Roxbury, Mass.	HA 6717
Remmer, Roy K.	B.A. 4	3506 University St., Montreal 59 Wall St., Brockville, Ont.	MA 2055
Rendall, Cynthia M.	B.A. 2	2296 Wilson Ave., Montreal	EL 8225
Renold, Peter	Eng. 4	Strathcona Hall, Montreal Turnfield, Cheadle, Cheshire, England.	PL 1156
Renton, Hollis A.	Med. 5	2070 Mansfield St., Montreal 17 George St., Sydney, N.S.	LA 3960
Retallack, Lois M.	B.Sc. 2	4056 Beaconsfield Ave., Montreal	EL 8208
Rexford, Laura H.	Grad. Sch.	510 Pine Ave. W., Montreal Willard, New York.	MA 6958
Rexford, Orrin B.	Grad. Sch.	1440 Bernard Ave., Apt. 16, Outremont	AT 7182F
Reynolds, George K.	Eng. 3	4870 Cote des Neiges Rd., Montreal	EL 6454
Reynolds, William N. B.	Eng. 1	5158 Notre Dame de Grace Ave., Montreal	EL 8624
Rhéaume, Gérard A.	Com. 1	642 Murray Hill, Westmount	WE 5729
Rhodes, Frances M.	Grad. Sch.	3492 Peel St., Montreal Bergerville, Quebec City, Que.	PL 7362
Rice, Joseph D.	Eng. 3	3454 University St., Montreal 28 Church St. E., Welland, Ont.	LA 6765
Richan, Frederick K.	B.Sc. 2	114 Vivian Ave., Town of Mount Royal	AT 2574
Richard, Donat R.	Med. 2	3650 Laval Ave., Montreal 654 Main St. W., Warwick, R.I.	LA 0786
Richards, Victor L.	Grad. Sch.	3459 Laval Ave., Montreal 14 Jackson St., St. Thomas, Ont.	PL 3583
Richardson, Hope	B.Sc. 4	4320 Montrose Ave., Westmount	WE 1358
Richardson, Laurence	Grad. Sch.	2020 Victoria St., Montreal c/o Trustees Executor Agency, Melbourne, Australia	MA 6830
Richert, Thomas H.	Med. 1	2101 University St., Apt. 15, Montreal Pacific Beach, Calif.	
Richmond, James H.	B.Sc. 2	5360 Cote St. Luc Rd., Apt. 9, Montreal Box 1183, Smiths Falls, Ontario.	DE 5287
Rickwood, Gerald E.	B.Sc. 4	3532 Lorne Ave., Montreal 346 Waverley St., Ottawa, Ont.	MA 5992
Riddell, John E.	Eng. 3	St. Hilaire, Que.	Beloeil 68
Ridge, Evelyn M.	B.A. 4	5612 Queen Mary Rd., Montreal	EL 2810

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Ritchie, A. S. C.	Theol. 3	3506 University St., Montreal	MA 2055
		Methodist Manse, Skibbereen, Ireland.	
Ritchie, Kenneth S.	Med. 3	5620 Bourbonniere St., Montreal	CL 5760W
Ritchie, Sheila J. B.	Phys. Ed. 2	Royal Victoria College, Montreal	MA 9176
		1010–5th Ave. W., Calgary, Alta.	
Rivard, Robert F.	B.Sc. 2	249 St. Joseph Blvd. W., Montreal	DO 0891
Rivenovich, David J.	B.Sc. 2	446 Rigaud St., Montreal	HA 4795
Rivett, Louis S.	Eng. 3	1457 Argyle Ave., Montreal	MA 7638
		120–4th St., Noranda, Que.	
Rix, Robert R.	Med. 5	3469 Shuter St., Apt. 10, Montreal	MA 6631
		5306 Isard St., Omaha, Neb.	
Roback, Harry N.	Med. 5	378 Laurier Ave. W., Montreal	DO 6510
Robb, James P.	B.Sc. 3	659 Belmont Ave., Westmount	WE 6688
Robert, Lucien E.	B.Sc. 2	12395 Crevier St., Cartierville	BY 1702
Robertson, Alborn K.	Com. 1	1307 Dunvegan Rd., Mount Royal	AT 4864
Robertson, Barbara M.	Arts P.	Royal Victoria College, Montreal	MA 9176
		University Hill, Vancouver, B.C.	
Robertson, Harold R.	Med. 3	3478 McTavish St., Montreal	PL 7412
		640 Pender St. W., Vancouver, B.C.	
Robertson, Peter M.	B.Sc. 1	1441 Drummond St., Montreal	MA 4171
		7 Park St. W., Copper Cliff, Ont.	
Robertson, Thomas D.	Law 3	4144 Dorchester St. W., Westmount	WE 5919
Robillard, Claude	Eng. 3	3854 St. Hubert St., Montreal	HA 9968
Robitaille, André E.	Arts P.	195 Bloomfield Ave., Outremont	AT 1262
Robitaille, Joseph	Eng. 4	4005 Parthenais St., Montreal	FR 5896
		Lavaltrie, Co. Berthier, Que.	
Rodger, David E.	Med. 4	510 Pine Ave. W., Montreal	MA 6958
		Box 130, Amherst, N.S.	
Rodger, Ruth C.	Com. 4	4058 Oxford Ave., Montreal	DE 9556
Rogers, Allison W.	B.Sc. 2	3547 University St., Montreal	LA 4955
		78 Upper Prince St., Charlottetown, P.E.I.	
Rogers, Carl L.	Eng. 4	3433 Shuter St., Montreal	MA 6935
		354½ Cameron St., Moncton, N.B.	
Rogers, Gertrude I.	B.A. 1	410 Metcalfe Ave., Westmount	WE 3287
Rollit, John B.	Grad. Sch.	4427 St. Catherine St. W., Westmount	WE 6538
Romans, Henry M.	Arch. 2	3511 Shuter St., Montreal	LA 1570
		Bear River, Digby Co., N.S.	
Romoff, Anne	B.A. 2	6549 St. Hubert St., Montreal	DO 1512
Roncarelli, Joseph A.	Eng. 1	1187 Osborne St., Montreal	MA 6979
Rondeau, Ralph C.	Dent. 4	3476 Shuter St., Montreal	MA 9917
Rose, Alexander	Eng. 3	3806 Wilson Ave., Montreal	WA 2570
Rosen, Charles	Med. 4	4664 Hutchison St., Montreal	DO 5651
Rosenberg, Harold	Arts P.	5030 Jeanne Mance St., Montreal	DO 8892
Rosenberg, Solomon	Grad. Sch.	3866 City Hall Ave., Montreal	LA 3946
Rosenthall, Edward	B.Sc. 1	4298 St. Lawrence Blvd., Montreal	BE 5063
Ross, Curtis B.	B.Sc. 1	56 Upper Bellevue Ave., Westmount	EL 2544
Ross, Donald K.	Grad. Sch.	1429 Stanley St., Apt. 14, Montreal	HA 4917
		107 Lenore St., Winnipeg, Man.	
Ross, Donald M.	Com. 3	3609 University St., Montreal	MA 4300
		214 Westminster Ave., Toronto, Ont.	
Ross, Dorothy J.	Grad. Sch.	367 Metcalfe Ave., Westmount	FI 0678
Ross, Dougas A.	Grad. Sch.	1260 MacKay St., Apt. 15, Montreal	FI 0978
Ross, John G.	B.Sc. 1	3940 Cote des Neiges Rd., Montreal	FI 4407
		63 Fairford St. E., Moose Jaw, Sask.	
Ross, Kenneth M.	B.A. 2	5415 Park Ave., Montreal	CR 6467
Ross, Oakland K.	Eng. 4	1627 Selkirk Ave., Montreal	FI 4159
Ross, Ruth I.	Grad. Nurse	3501 Lorne Ave., Montreal	MA 2706
		57 Orlebar St., Charlottetown, P.E.I.	
Ross, Sonnette	B.A. 3	1627 Selkirk Ave., Montreal	FI 4159
Ross, Sydney	B.Sc. 2	1180 Drummond St., Apt. 4, Montreal	HA 9859
Ross, Thomas W.	Eng. 3	3597 Jeanne Mance St., Montreal	PL 9737
		Hawkesbury, Ont.	
Ross, William D.	Eng. 1	2067 Jeanne Mance St., Montreal	HA 7896
		Ste. 5, Campbell Blk., Port Arthur, Ont.	
Roston, Abraham	Law 2	4507 Harvard Ave., Montreal	DE 1765
Roth, Max	Arch. 2	740 Bloomfield Ave., Apt. 7, Montreal	CR 6183

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
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Rother, William J.	Law 1	89 Bernard Ave., Montreal	CR 0472
		20 Ste. Marie St., La Prairie, Que.	
Rothwell, Gordon S.	Med. 2	3482 Durocher St., Montreal	MA 3485
		601 Agnes St., New Westminster, B.C.	
Rotman, Louis	B.Sc. 3	143 Villeneuve St. W., Montreal	DO 4319
Rountree, G. Meredith	Grad. Sch.	445 Mount Stephen Ave., Westmount	WE 2883
Rousseau, Frank H.	Eng. 1	10797 St. Denis St., Montreal	DU 3017
Routtenberg, Sara	Com. 3	867 Stuart Ave., Outremont	AT 4694M
Rowat, John P.	Law 2	572 Lansdowne Ave., Westmount	DE 6285
Rowat, Ronald	Theol. 3	572 Lansdowne Ave., Westmount	DE 6285
Rowe, Sheila	Music	3552 McTavish St., Montreal	LA 0830
Rowell, Lorne A.	Eng. 3	3420 Hutchison St., Montreal	LA 3850
		Wapella, Sask.	
Rowley, Elizabeth M.	B.Sc. 4	3525 Durocher St., Montreal	PL 7088
Roxburgh, William H.	Eng. 3	3423A Hutchison St., Montreal	
		11151–83rd Ave., Edmonton, Alta.	
Roy, Helen	B.A. 1	66 Forden Crescent, Westmount	WE 2139
Roy, Norma R.	B.A. 3	66 Forden Crescent, Westmount	WE 2139
Roy, William J.	Grad. Sch.	2072 St. Hubert St., Montreal	HA 8824
		Woodsville, N.H.	
Roycroft, Nan	B.A. 1	377 Labadie St., Montreal,	CR 8860
Royer, France M.	Com. 2	1990 Rachel St. East, Montreal	AM 1454
Royer, Jacques A.	Eng. 2	1990 Rachel St. East, Montreal	AM 1454
Rubin, Edward B.	Dent. 1	4250 Sherbrooke St. W., Montreal	WI 9943
Rubin, Jack	Med. 3	1074 City Hall Ave., Montreal	LA 5615
Rubin, Lionel	Law 2	8 Renfrew Ave., Westmount	WE 4188
Ruddick, R. Bruce	B.Sc. 1	1499 Crescent St., Montreal	MA 5926
Rudkin, Stanley T.	Eng. 4	Strathcona Hall, Montreal	PL 1156
		Kaslo, B.C.	
Rudoff, Hyman	Grad. Sch.	417 Sherbrooke St. W., Montreal	MA 3365
Rudy, Abe	Eng. 1	59 Duluth St. E., Montreal	
Russell, Carroll A.	Med. 1	3617 Lorne Crescent, Montreal	MA 3147
		135–2nd St., Watsonville, Calif.	
Russel, Gwendolyn M.	B.A. 2	641 Argyle Ave., Westmount	WE 5440
Russel, Margaret K.	Arts P.	641 Argyle Ave., Westmount	WE 5440
Russel, Ruth M.	B.A. 1	641 Argyle Ave., Westmount	WE 5440
Russell, John K.	Grad. Sch.	3562 Lorne Ave., Montreal	HA 4816
Russell, Nelson G.	Med. 5	3509 Lorne Ave., Montreal	LA 5037
		467 Linwood Ave., Buffalo, N.Y.	
Rutherford, Gordon A.	Com. 4	465 Mt. Pleasant Ave., Westmount	FI 6553
Ryan, Stephen J.	Med. 4	3419 University St., Montreal	MA 3089
		78 Wood St., Providence, R.I.	
Sabia, Joseph M.	Med. 1	3534 University St., Montreal	PL 2064
		77 Victoria Ave. N., Hamilton, Ont.	
Safford, Elizabeth	B.A. 3	Royal Victoria College, Montreal	MA 9176
		24 Leroy St., Potsdam, New York.	
Saibil, David	Med. 3	5973 St. Urbain St., Montreal	DO 1982
Ste. Marie, C. Gaston	Law 1	1057 St. Denis St., Montreal	LA 9312
Salomon, Faga	B.A. 3	505 Grosvenor Ave., Westmount	DE 1749
Salomons, Gertrude	B.A. 1	737 Querbes Ave., Outremont	DO 8307
Salter, Wilfred J. R.	B.A. 2	1441 Drummond St., Montreal	MA 4171
		Kenora, Ontario.	
Sample, Theodore C.	Dent. 2	1441 Drummond St., Montreal	MA 4171
		Mooers, New York.	
Sampson, Robert G.	Law 2	628 Davaar Ave., Outremont	AT 1578
Samson, James G.	Grad. Sch.	3515 Van Horne Ave., Montreal	AT 1350
Sanborn, Olive L.	B.A. 2	4205 Beaconsfield Ave., Montreal	DE 4492
Sanders, Herbert L.	B.Sc. 4	3897 St. Dominique St., Montreal	PL 2424
Sanders, Marion L.	B.A. 1	4250 Sherbrooke St. W., Montreal	FI 9796
Sanderson, Joseph L.	Med. 5	5119 Mountain Sights, Apt. 8, Montreal	EL 6320
		1540 Boston Blvd. W., Detroit, Mich.	
Sarault, Gilles E.	Eng. 4	1490 Bernard Ave., Apt. 19, Montreal	AT 5133
Sare, James R.	B.A. 3	1540 St. Mark St., Montreal	WI 2888
Sargent, David H.	B.Sc. 1	63 Selby Ave., Westmount	WI 1324
Saunders, Frederick E.	Med. 4	3641 St. Famille St., Apt. 27, Montreal	MA 8841
		2905 Hemlock St., Vancouver, B.C.	
Saunders, George R.	Eng. 4	215 Brock Ave. N., Montreal West	WA 6938J
Saunders, Roderick C.	Arts P.	624 Dunlop Ave., Outremont	AT 1016

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Savage, Hugh B	Com. 2	1456 St. Matthew St., Montreal	FI 4812
Savage, Lilias M	B.A. 1	1456 St. Matthew St., Montreal	FI 4812
Savage, Mary H	B.A. 4	37 Church Hill, Montreal	WE 5787
Savard, Patrick A	Law 2	3434 McTavish St., Montreal	PL 6773
		25 St. Genevieve Ave., Quebec City, Que.	
Savignac, Aline R. I	Arts P	3550 Lorne Ave., Montreal	HA 4689
		East Templeton, Que.	
Savignac, Etienne J	Law 1	342 Outremont Ave., Outremont	AT 1605
Saville, Douglas B. O	Grad. Sch	Macdonald College, Que	Ste.A. 87
		Colaton Raleigh, New Sidmouth, Devon, England.	
Sayre, John F	Eng. 1	493 Argyle Ave., Westmount	WE 5292
		Rothesay, New Brunswick.	
Sbarbaro, Victor E	Med. 3	3575 Shuter St., Montreal	MA 8584
		Weed, California.	
Scarrow, James A	Grad. Sch	3456 Shuter St., Apt. 15, Montreal	MA 5973
		Wiarton, Ont.	
Schacher, Josephine	Med. 3	159 Sherbrooke St. E., Montreal	LA 7585
Schacter, Miriam S	B.A. 3	637 Murray Hill Ave., Westmount	WE 1888
Schafhausen, Henry M	Law 1	4720 Grosvenor Ave., Westmount	EL 4572
Schear, Philip M	Eng. 3	4215 St. Urbain St., Montreal	
Schecter, Benjamin	B.A. 2	3636 Decarie Blvd., Montreal	EL 5443
Schecter, Nathan	Med. 3	3482 Durocher St., Montreal	MA 3485
		280 St. Andrew St., Ottawa, Ont.	
Schilling, William J	Med. 2	3578 Shuter St., Apt. 3, Montreal	MA 4938
		1321 W. 26th St., Erie, Pa.	
Schindler, Norman R	Grad. Sch	3454 Peel St., Montreal	PL 1674
		P.O. Mwenilunga, N. Rhodesia, South Africa.	
Schlemm, Leonard G. W	B.Sc. 2	3029 St. Sulpice Rd., Montreal	FI 4225
Schmuckler, Eli C	Med. 1	4875 Esplanade Ave., Montreal	DO 7932
Schnebly, Ruth A	B.A. 1	124 Brock Ave. N., Montreal West	WA 1067
Schnee, Charles F	Med. 5	539 Pine Ave. W., Montreal	MA 7818
		52–36 70th St., Maspeth, N.Y.	
Schnyder, Max	Eng. 3	116 Arlington Ave., Westmount	WE 2252
Schofield, Robert J. G	Eng. 3	340 Ballantyne Ave. N., Montreal West	WA 1673
Schuller, Berta B	Arts P	900 Sherbrooke St. W., Apt. 62, Montreal	LA 3760
Schulman, Saul	B.A. 2	5881 Sherbrooke St. W., Apt. 7, Montreal	DE 6527
Schwab, Pauline	B.A. 4	4404 Western Ave., Westmount	WE 6219
Schwartz, Arthur G	Med. 4	791 Outremont Ave., Apt. 6, Outremont	AT 1516
Schwartz, Harry H	B.Sc. 1	5230 Clarke St., Montreal	CR 2739
Schwartz, Harry	B.Sc. 2	5560 Durocher Ave., Outremont	DO 3721
Schwisberg, Lily	Arts P	4405 Esplanade Ave., Montreal	HA 9715
Scoggan, Homer J	B.Sc. 4	3649 Park Ave., Montreal	
Scott, Catherine G	Grad. Nurse 1	Royal Victoria Hospital, Montreal	PL 1251
		Ardmeen, Castlederg, Northern Ireland.	
Scott, Fred A	B.Sc. 1	3556 Hutchison St., Montreal	PL 6746
Scott, George N	B.Sc. 1	2620 Rushbrooke St., Montreal	FI 4545
Scott, John B	Med. 2	539 Pine Ave., Montreal	MA 7818
		22 South Miller St., Newburgh, N.Y.	
Scott, Louise G	B.A. 1	2104 Vendome Ave., Montreal	DE 1758
Scott, M. Helen	Arts P	10 Braeside Place, Westmount	WE 3142
Scott, Maurice	Arts P	3585 St. Catherine St. E., Montreal	FR 8165
Scott, Rebecca L	B.A. 1	Royal Victoria College, Montreal	MA 9176
		Stanstead, Quebec.	
Scott, William J	B.Sc. 3	4086 St. Hubert St., Montreal	
Scott, William M	Com. 2	5312 Waverly St., Montreal	CR 5927
Scriver, Bruce M	Eng. 1	2111 Bellechasse St., Montreal	CR 7896
Sedlezky, Isadore	Med. 1	782 Mountain St., Montreal	FI 0227
Seely, Margot V	B.A. 3	1636 Seaforth Ave., Montreal	FI 1313
Segall, Sydney	Com. 1	4067 Decarie Blvd., Montreal	WA 4725
Seidel, Judith	B.A. 1	615 Bloomfield Ave., Outremont	AT 2752
Seifert, Harold L. B	Eng. 1	378 Lansdowne Ave., Westmount	EL 9270
		93 Ave. des Braves, Quebec City, Que.	
Seifert, Howard B	B.A. 2, Dent. 1	3592 University St., Montreal	PL 2435
		116 St. Cyrille St., Quebec City, Que.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Seime, Rueben I.	Med. 3	495 Prince Arthur St. W., Apt. 9, Montreal	LA 4050
		Viroqua, Wis.	
Self, George M.	B.A. 3	2061 Decarie Blvd., Apt. 1, Montreal	
Selkirk, Elspeth B. R.	B.A. 3	7131 LaSalle Blvd., Verdun	VO 6450M
Sellar, William	Law 2	4311 Beaconsfield Ave., Montreal	EL 1097
Seltzer, Joseph	Med. 4	4835 Esplanade Ave., Montreal	DO 3028
Senkeivitz, Lucy J.	Arts P	5958–6th Ave., Rosemount	CL 6012M
Sercarz, A.	Theol. 2	853 Roy St. E., Montreal	CH 4902
Seymour, Stanley L.	Med. 4	3457 Shuter St., Montreal	MA 6446
		271 George St., Belleville, Ont.	
Shane, Gerald	Eng. 1	2333 Madison Ave., Montreal	DE 5812
Shapiro, Gerald S.	Law 2	3549 Addington Ave., Montreal	EL 7598
Shapiro, Lorne	B.A. 4	42 Anwoth Road, Westmount	WE 6549
Shapiro, Simon B.	Med. 4	5415 Jeanne Mance St., Montreal	CR 7226
Sharkey, Sidney J.	B.A. 4	2090 Peel St., Montreal	LA 9885
Sharp, Lewis I.	Med. 4	3433 Peel St., Montreal	PL 2073
		Manhasset, L.I., N.Y.	
Shaughnessy, Frank J.	Law 1	131 Brock Ave. S., Montreal West	WA 3713
*Shaugnessy, Marion L.	B.A. 1	6910 Terrebonne Ave., Montreal	WA 0667
Shaw, Frederick W. B.	Eng. 4	167 Birch Ave., St. Lambert	St.L. 186
Shaw, Geoffrey T.	Grad. Sch.	Chemistry Bldg., McGill University	MA 9181
		Ste. Anne de Bellevue, Que.	Ste.A. 227
Shaw, George	Grad. Sch.	3504 Park Ave., Apt. 3, Montreal	HA 1068
		Bienfait, Sask.	
Shaw, Hampden C.	Grad. Sch.	4493 Sherbrooke St. W., Montreal	WE 1541
Shaw, Hilda M.	Arts P.	259 Metcalfe Ave., Westmount	WE 2564
Shaw, John N. B.	B.Sc. 2.	266 Lansdowne Ave., Apt. 11, Westmount	WE 4190
Shaw, Keith W.	Eng. 2.	448 Lansdowne Ave., Westmount	DE 1064
Shearer, Audrey G.	Arts P.	636 Roslyn Ave., Westmount	EL 5385
Shechter, Esther	B.Sc. 3.	98 St. Louis St., Lachine	Lch. 286J
Shecter, Arthur	Grad. Sch.	508 Bloomfield Ave., Outremont	AT 3371F
		96 St. Louis St., Lachine, Que.	
Shecter, Myer	B.Sc. 2.	5145 Cote St. Luc Road, Montreal	DE 4348
		96 St. Louis St., Lachine, Que.	Lch. 286J
Shector, Lindley	Eng. 2.	522 McEachran Ave., Outremont	AT 5016
Sheldon, Warner F.	Med. 2.	495 Prince Arthur St. W., Apt.12, Montreal	LA 0793
		268 Prospect St., Jamestown, N.Y.	
Shelly, Clarence	B.Sc. 1.	544A Notre Dame St., Lachine	Lch. 1194M
Shelmerdine, Walter C.	B.Sc. 1.	1433 Pierce St., Montreal	
		742 Ingersoll St., Winnipeg, Man.	
Shelton, Frances J.	B.A. 2.	Royal Victoria College, Montreal	MA 9176
		1915 Rae St., Regina, Sask.	
Shepherd, Celia	Music.	2150 Sherbrooke St. W., Montreal	FI 1532
Shepherd, Grosvenor H.	Med. 5.	3681 Hutchison St., Apt. 2	
		561 Belle Isle View Blvd., Riverside, Ont.	
Shepherd, John H.	B.A. 3.	3532 Vendome Ave., Montreal	DE 7234
Sheppard, Hamilton J.	B.Sc. 1.	1441 Drummond St., Montreal	MA 4171
		88 George St., Sorel, Que.	
Sheppard, John A.	Med. 1.	550 Milton St., Montreal	LA 3712
		307 Summit Ave. N., Seattle, Wash.	
Sheps, Louis J.	Grad. Sch.	4503 Decarie Blvd., Montreal	EL 0585
		817 College Ave., Winnipeg, Man.	
Sheridan, Philip H.	Med. 2.	2088 University St., Montreal	MA 9540
		Pleasant St., Blackstone, Mass.	
Sherlock, Grace	B.A. 4.	4377 Madison Ave., Montreal	DE 5770
Sherwin, Olga J.	Arts P.	4757 Upper Grosvenor Ave., Westmount.	
Shiells, Cheridah I. A.	B.A. 4.	2183 Harvard Ave., Montreal	DE 1966
Shier, Philip E.	B.Sc. 1.	5950 Park Ave., Apt. 7, Montreal	DO 1365
Shizgal, David T.	B.Sc. 1.	5261 Esplanade Ave., Montreal	CR 2658
Short, Constance G.	Law 1.	729 Belmont Ave., Westmount	EL 3233
Shortall, John D.	Eng. 4.	5094 Cote St. Antoine Road, Montreal	DE 6290
Shragovitch, Israel	B.A. 3.	6151 Durocher Ave., Outremont	DO 3638
Shugar, David	B.Sc. 2.	76 Duluth St. W., Montreal	BE 1919
Shuirman, Gilbert	Dent. 3.	1202 Lajoie St., Outremont	AT 6906
Shuster, Samuel	Med. 3.	3699 St. Lawrence Blvd., Montreal	PL 5525

*Left early in session.

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Shute, William T. W.	B.A. 4	3440 Cote des Neiges, Apt. 3, Montreal	FI 4868
Silcox, A. Phillips	Theol. 1	3506 University St., Montreal 236 Willow Ave., Toronto 8, Ont.	MA 2055
Sillitoe, Sydney	Grad. Sch.	3511 Lorne Ave., Montreal 10663–107 St., Edmonton, Alta.	MA 9846
Silver, Samuel	Med. 1	4261 Laval Ave., Montreal	
Silverman, Edward	Dent. 2	85 Pagnuelo Ave., Outremont	AT 6950M
Silverstone, Ralph	B.Sc. 3	661 Querbes Ave., Outremont	CR 7772
Simand, Irene	B.A. 2	9 Gladstone Ave., Westmount	FI 7364
Simard, Lionel R.	Grad. Sch.	1830 Lincoln Ave., Apt. 10, Montreal Cabri, Sask.	WI 5569
Siminovitch, David	B.Sc. 2	727A De l'Epee Ave., Montreal	DO 2370
Siminovitch, Jack	Med. 4	5115 Esplanade Ave., Montreal	CR 7053
Siminovitch, Moe	B.Sc. 1	5115 Esplanade Ave., Montreal	CR 7053
Simkover, Leo	B.A. 3	1839 Lincoln Ave., Apt. 11, Montreal	WI 8717
Simons, Frances B.	B.A. 1	1225 Bernard Ave., Apt. 7, Montreal	AT 4181
Simpson, H. Lindsay	Theol. 2	3635 Durocher St., Montreal	
Simpson, Howard S.	B.A. 3	34 Winchester Ave., Westmount	DE 2608
Simpson, John H.	B.Sc. 2	1699 William David Ave., Montreal	
Simpson, R. Joan	Music	6161 Sherbrooke St. W., Apt. 3, Montreal	EL 2494
Simpson, Roger G.	Med. 5	4982 Queen Mary Rd., Montreal 201 Tunnel Rd., Berkeley, Calif.	EL 8759
Sims, Margaret K.	Arts P.	3024 St. Sulpice Road, Montreal	FI 4017
Singer, Gerald	Eng. 1	840 Stuart Ave., Outremont	AT 4391
Sinnott, Gerald W.	Med. 3	2039 McGill College Ave., Montreal 47 Hudson Terrace, N. Tarrytown, N.Y.	HA 6400
Skaperdas, George T.	Eng. 2	540 St. Catherine Rd., Montreal	AT 3924
Skelton, Naomi M.	B.A. 2	18 Aberdeen Ave., Westmount	WE 1415
Skillings, Cherra M.	B.A. 1	3485 Van Horne Ave., Montreal	AT 1978J
Skinner, Frank L.	Med. 3	2064 Mansfield St., Montreal 821 University Drive, Saskatoon, Sask.	MA 3842
Skinner, Joan M.	B.A. 3	4516 Marcil Ave., Montreal	EL 5549
Skinner, Norman S.	Med. 5	3483 Peel St., Montreal 19 Cobourg St., Saint John, N.B.	PL 3396
Slack, Zerada S.	Phys. Ed.	4275 Western Ave., Westmount	FI 1847
Slatkoff, William R.	Med. 5	1277 Lajoie Ave., Outremont	AT 0230
Slattery, Timothy P.	Law 3	63 Prospect St., Westmount	WE 1948
Slee, Robert C.	B.Sc. 1	376 Elm Ave., Westmount Phillipsburg, Que.	FI 3694
Slessor, Ida Lorraine	B.A. 4	628 Murray Hill, Westmount	WE 1690
Smaill, Donald W.	Med. 4	690 Sherbrooke St., Montreal 167 Holmwood Ave., Ottawa, Ont.	LA 7141
Smaill, Stanton S. L.	Dent. 1	3511 Lorne Ave., Montreal Huntingdon, Quebec.	MA 9846
Small, Elsie M.	B.A. 2	3820 Decarie Blvd., Montreal	DE 4749
Smart, Jane C.	B.A. 1	Royal Victoria College, Montreal 300 Acacia Rd., Rockcliffe, Ottawa, Ont.	MA 9176
Smart, Leon A.	Med. 2	1451 Overdale Ave., Apt. 12, Montreal 18 Brentford Rd., Cross Rds, P.O., Jamaica.	MA 0998
Smedley, Florence G.	B.A. 2	53 Mercille Ave., St. Lambert, Que.	St.L. 402
Smiley, George W.	Eng. 2	136 Edison Ave., St. Lambert, Que.	St.L. 166
Smith, Albert B.	Med. 1	2050 Victoria St., Montreal 55 So. Broad St., Norwich, N.Y.	LA 1798
Smith, Allan G.	Eng. 1	7446 Wiseman Ave., Outremont	AT 0972W
Smith, A. Macrae	Med. 2	640 Prince Arthur St., Montreal 130 So. Forest, Bellingham, Wn.	MA 9531
Smith, Charles V.	Eng. 3	2151 Lincoln Ave., Apt. 2, Montreal 189 Coleraine Rd., Thetford Mines, Que.	FI 2656
Smith, Frank B.	Med. 2	514 Pine Ave. W., Montreal 149 Mt. View Ave., Staten Is; n New York City, N.Y.	MA 8778

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
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Smith, Harry S.	Med. 3	3617 Lorne Crescent, Montreal	MA 3147
		South Brookfield, Nova Scotia.	
Smith, Helen M.	B.A. 2	31 Crescent St., St. Lambert	St.L. 726W
Smith, Henry D.	B.A. 3	3581 University St., Montreal	MA 3842
		Hawkesbury, Ontario.	
Smith, Herbert F. A.	B.A. 1	3506 University St., Montreal	MA 2055
		Bury, Quebec.	
Smith, Irwin T.	B.A. 1	3739 Hutchison St., Apt. 2, Montreal	LA 2534
		Hawkesbury, Ont.	
Smith, James L.	B.Sc. 1	3423 Hingston Ave., Montreal	EL 0793
Smith, Janet E.	B.A. 1	3423 Hingston Ave., Montreal	EL 0793
Smith, Marjorie M.	B.A. 2	4907 Victoria Ave., Westmount	EL 5672
Smith, Odric H.	Eng. 3	11 Melbourne Ave., Westmount	WE 4952
Smith, Philip D. P.	B.Sc. 4	42 Windsor Ave., Westmount	DE 2022
Smith, Ronald B.	B.A. 1	5663 Durocher Ave., Montreal	CR 6733
Smith, Ruby E. J.	B.A. 2	501 Claremont Ave., Westmount	EL 9790
Smith, Stanley B.	B.A. 2	3506 University St., Montreal	MA 2055
		103 St. Stephens Road, Bradford, Yorks, England.	
Smith, Stanley G.	B.Sc. 3	2020 Victoria St., Apt. 2, Montreal	MA 6830
		161 Merton Rd., Wimbledon, England.	
Smyth, Dorothy S.	Arts P.	3410 Atwater Ave., Apt. 4, Montreal.	WI 6227
Smyth, John N.	Arts P.	3508 University St., Montreal	MA 2867
Smyth, Kenneth G.	Com. 4	Strathcona Hall, Montreal	PL 1156
		1039 Gladstone Ave., Ottawa, Ont.	
Smyth, W. Angus	Com. 3	598 Belmont Ave., Westmount	WE 3898
Smyth, William C.	Eng. 3	3410 Atwater Ave., Montreal	WI 6227
Snelgrove, John H.	B.Sc. 3	4011 Grey Ave., Montreal	DE 3311
Snelgrove, William H.	B.Sc. 1	4011 Grey Ave., Montreal	DE 3311
Snyder, Howard P.	Med. 2	3478 McTavish St., Montreal	PL 7412
		Pinecroft, Bound Brook, N.J.	
Solin, Cecil D.	B.A. 1	5120 Mance St., Montreal	CR 7411
Solomon, Ernest	Grad. Sch.	3482 Durocher St., Montreal	MA 3485
		Dauphin, Man.	
Somers, Dorothy E.	B.A. 2	3442 Belmore Ave., Montreal	WA 1051
Somerville, Robert B.	Med. 1	550 Milton St., Montreal	LA 3712
		Bristol, New Brunswick.	
Sousa, Manuel F.	Med. 2	2082 University St., Montreal	PL 0575
		307 Hemlock St., New Bedford, Mass.	
Southwood, Thomas H.	Dent. 3	3592 University St., Montreal	PL 2435
		Richmond, Que.	
Sparks, Judith R. P.	B.A. 2	Royal Victoria College, Montreal	MA 9176
		544 Driveway, Ottawa, Ont.	
Sparks, Roderick F.	Eng. 1	1441 Drummond St., Montreal	MA 4171
		544 Driveway, Ottawa, Ont,	
Sparling, James F.	Med. 4	525 Prince Arthur St., Montreal	MA 6649
		Hammond, B.C.	
Spence, James M.	Arts P	3506 University St., Montreal	MA 2055
		Enniskillen, N. Ireland.	
Spier, Jane D.	Grad. Sch.	3492 Peel St., Montreal	PL 7362
		North Hatley, Que.	
Spinney, Katherine R.	B.A. 2	Barat Court, Apt. 34, 3015 Sherbrooke St. W., Montreal	WI 8392
		Box 531, Yarmouth, Nova Scotia.	
Sprague, John H.	Med. 5	Strathcona Hall, Montreal	PL 1156
		38 Merchant St., Barre, Vermont.	
Spratt, John F.	B.Sc. 2	3592 University St., Montreal	PL 2435
		Billings Bridge, Ont.	
Sprenger, Eric A.	Eng. 1	4342 Beaconsfield Ave., Montreal	EL 2454
Sprenger, William P.	Law 3	4342 Beaconsfield Ave., Montreal	EL 2454
Sprinkle, Jacqueline H.	B.A. 4	1461 Mountain St., Montreal	LA 7872
Sprinkle, John E.	Arch. 4	1461 Mountain St., Montreal	LA 7872
		3581 University St., Montreal	LA 9359
Sprott, Hilda A.	B.A. 3	4482 Wilson Ave., Montreal	EL 2452
Sproule, Robert S.	Eng. 1	39 Thornhill Ave., Westmount	WE 1894
Sproule, William K.	Eng. 2	39 Thornhill Ave., Westmount	WE 1894
Stanley, James P.	B.Sc. 1	559 Lansdowne Ave., Westmount	WE 5057
Stanley, Kathlyn R.	B.A. 4	478 Cote St. Antoine Rd., Westmount	DE 5414
Stapleton, David O.	B.Sc. 1	3534 University St., Montreal	PL 6024
		Sands, Don Bridge, Jersey, Channel Island.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Starkey, John L.	B.A. 2	4559 Madison Ave., Montreal	EL 1533
Starr, John C.	B.Sc. 1	2511 Mayfair Ave., Montreal	WA 2142
Stearns, Alta E.	B.A. 2	Royal Victoria College, Montreal	MA 9176
		Rouses Point, N.Y.	
Stedman, Arthur G.	B.A. 1	3954 St. Denis St., Montreal	HA 2096
Steele, Sydney H.	Com. P.	65 Forden Ave., Westmount	WE 4454
Steeves, William H.	Grad. Sch.	550 Milton St., Montreal	LA 2693
		302 High St., Moncton, N.B.	
Stein, Harry	Com. 4	4322 St. Urbain St., Montreal	PL 8260
Stein, Marcus	Eng. 4	3849 St. Urbain St., Montreal	PL 3044
Steinberg, Estelle H.	Grad. Sch.	117 Mount Royal Ave. W., Apt. 1, Montreal	MA 4696
Steinmetz, John R.	Med. 2	3578 Shuter St., Montreal	MA 4938
		Hayward, Calif.	
Stephen, Charles R.	B.Sc. 1	4272 Hampton Ave., Montreal	EL 1849
Stephens, Graham F.	Med. 2	3683 Hutchison St., Apt. 37, Montreal	
		Supt.'s Residence, General Hospital, Winnipeg, Man.	
Sterns, Frances B.	B.Sc. 2	Royal Victoria College, Montreal	MA 9176
		150 Ontario St., St. Catharines, Ont.	
Stevens, Charles F. B.	B.Sc. 4	493 Argyle Ave., Westmount	WE 5292
Stevenson, Andrew A.	B.A. 1	73 Percival Ave., Montreal West	WA 3230
Stevenson, Janet I.	B.A. 1	Royal Victoria College, Montreal	MA 9176
		Danville, Que.	
Stevenson, Shirley E.	B.A. 2	732 Upper Roslyn Ave., Westmount	EL 4809
Stewart, Arthur J.	Med. 1	3462 Shuter St., Montreal	MA 7669
		P.O. 1650, Prince Rupert, B.C.	
Stewart, Beatrice W.	Arts P.	2 Summerhill Terrace, Montreal	FI 3948
Stewart, Catherine E.	B.A. 1	436 Wood Ave., Westmount	WI 8684
Stewart, Charles H.	Com. 2	3454 Peel St., Montreal	PL 1674
		Beebe, Que.	
Stewart, Helen D.	B.A. 3	4742 Grosvenor Ave., Montreal	EL 6528
Stewart, Hugh M.	Grad. Sch.	4684 Marquette St., Montreal	AM 5806
Stewart, James G.	Law 3	1170 Mountain St., Montreal	PL 7467
Stewart, Laura F.	B.A. 4	464 Wood Ave., Westmount	FI 5972
Stewart, Margaret M.	B.A. 1	4392 Oxford Ave., Montreal	EL 7451
Stewart, Marie I.	Arts P.	4162 Sherbrooke St. W., Apt. 41, Montreal	
Stewart, Mary H.	B.A. 3	2298 Beaconsfield Ave., Montreal	EL 8758
		434 Sydney St., Cornwall, Ont.	
Stewart, Reginald G.	B.A. 4	3473 University St., Montreal	MA 4902
		262 King St. E., St. John, N.B.	
Stewart, Vivian W.	B.A. 2	2 Summerhill Terrace, Montreal	FI 3948
Stikeman, Harry	B.A. 3	9 Redpath Row, Montreal	FI 4043
Stiles, Esmond	Med. 5	3524 Shuter St., Montreal	MA 4861
		Moncton, N.B., R.R. 2	
Stiles, George W.	Eng. 3	631 Prince Arthur St. W., Montreal	PL 2665
		Matapedia, Quebec.	
Stobbe, Peter C.	Grad. Sch.	Macdonald College, Que.	
		385 Elgin Ave., Winnipeg, Man.	
Stockwell, Walter C.	Med. 2	3506 University St., Montreal	MA 2055
		Stanstead, Que.	
Stone, Archibald C.	Med. 1	3637 University St., Montreal	MA 1824
		206 Victoria Ave., Chatham, Ont.	
Stone, Fred V.	Grad. Sch.	495 Prince Arthur St., Apt. 21, Montreal	LA 5318
		Alix, Alta.	
Storey, Carl H.	Med. 2	1430 Pierce St., Apt. 36, Montreal	
		Box 431, Campbellton, N.B.	
Storey, Dorothy S.	Lib. Sch.	1430 Pierce St., Apt. 36, Montreal	
		Box 431, Campbellton, N.B.	
Stote, P. R.	Theol. 1	3473 University St., Montreal	MA 4902
		Stanbridge East, Que.	
Stovel, Easson B.	Com. 1	3581 University St., Montreal	MA 3482
		Dome Mines, So. Porcupine, Ont.	
Stovel, H. Vernon	Grad. Sch.	510 Pine Ave., Montreal	
		Stovel Co., Winnipeg, Man.	
Stovel, Samuel R.	B.Sc. 1	3581 University St., Montreal	MA 3482
		Dome Mines, So. Porcupine, Ont.	
Strachan, Mildred L.	B.A. 1	641 Belmont Ave., Westmount	WE 2179
Straker, Manuel	B.A. 1	5714 Park Ave., Apt. 5, Montreal	CR 0191
Strauss, Rubin	Med. 5	3924 Drolet St., Montreal	PL 7369

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Stryble, Francis J.	Med. 4	3566 University St., Montreal	MA 7205
		686–17th St., Oakland, Calif.	
Stuart, Emmert C.	Med. 5	5004 Queen Mary Rd., Montreal	DE 6197
		Hawthorne, Winchester, Va.	
Stuart, John J.	Com. 2	3434 McTavish St., Montreal	PL 6773
		9 Sunset Ave., Sandwich, Ont.	
Stubbs, Jack G.	Eng. 1	1545 MacKay St., Montreal	PL 7876
		143 Chevening Rd., Brondesbury Pk., London, England.	
Sturdee, Charles P.	Eng. 4	3454 Peel St., Montreal	PL 1674
		Hotel Vancouver, Vancouver, B.C.	
Styles, Arthur D.	B.A. 4	1474 Closse St., Montreal	WI 0585
Suffrin, Harry	Dent. 1	5629 St. Urbain St., Montreal	CR 0075
Sugars, William A.	Dent. 1	4344 King Edward Ave., Montreal	EL 8537
Sullivan, John A.	Med. 2	3559 University St., Montreal	MA 2693
		46 Bentley Ave., Jersey City, N.J.	
Summers, Frederick W.	Com. 1	4602 Harvard Ave., Montreal	EL 4355
Sumner, Charles M.	Med. 4	3583 Hutchison St., Montreal	HA 9524
		15 Prospect St., Penacook, N.H.	
Sunter, William	Arts P	3506 University St., Montreal	MA 2055
		10 Leonard St., Nelson, Lancs., England.	
Super, Sara H.	Music	4921 Sherbrooke St. W., Montreal	EL 8925
Surveyer, Edouard F.	Law 1	128 Maplewood Ave., Outremont	AT 0289
Sutherland, A. Elizabeth	Arts P	28 Arlington Ave., Westmount	WE 2693
Sutherland, William S.	B.A. 2	3485 McTavish St., Montreal	PL 1649
		Finch, Ont.	
Suthren, Joseph W.	Eng. 2	3454 University St., Montreal	LA 6765
		63 Plymouth Road, Welland, Ont.	
Sutton, Gerald L.	Med. 3	10434 Delorimier Ave., Montreal	DU 3226
Svenningson, Freeman	Eng. 1	636 Lansdowne Ave., Westmount	EL 5668
Swales, William E.	Grad. Sch	Macdonald College, Que.	
		5 Lamarche St., Ste. Anne de Bellevue, Que.	
Swalsky, Morris	B.A. 3	82–8th Ave., Lachine	Lch.1108J
Swan, George C.	B.Sc. 1	6 Campbell Ave., Montreal West	WA 3741
Swartz, Joe N.	Eng. 4	5283 Park Ave., Apt. 4, Montreal	CR 8934
		1401 Ford St., Fort William, Ont.	
Sweeny, Ann M.	B.A. 2	363 Melville Ave., Westmount	WE 3420
Swift, John W.	Eng. 3	642 Belmont Ave., Montreal	WE 2818
Swift, Lionel D.	Eng. 4	2 Amesbury Ave., Apt. 6, Montreal	WI 9406
		101 Cascade Ave., Shawinigan Falls, Que.	
Szczygiel, Thaddeus J.	Dent. 3	1468 McGill College Ave., Montreal	MA 0089
		805 Huntington St., Utica, N.Y.	
Tait, Alexander H.	Eng. 3	4308 Montrose Ave., Westmount	FI 2976
Tait, Elizabeth J.	B.A. 4	4308 Montrose Ave., Westmount	FI 2976
Tait, Ragnhild	B.A. 4	467 Lansdowne Ave., Westmount	WE 5040
Tait, William M.	B.A. 4	2276 Regent Ave., Montreal	DE 3179
Takefman, Nettie B.	Com. 1	765 Champagneur Ave., Montreal	DO 3298
Talbot, Ernest J.	Med. 1	Valleyfield, Que.	
Tannahill, Margaret D.	B.A. 2	1172 St. Mark St., Apt. 50, Montreal	WI 4782
		Huntingdon, Que.	
Tannenbaum, Joseph	Eng. 4	5344 Jeanne Mance St., Montreal	CR 0197
Tanner, Howard C.	B.Sc. 1	4558 Hampton Ave., Montreal	EL 1643
Tanner, William J.	B.Sc. 1	214 Guilbault Ave., Longueuil, Que.	Long.221F
Tanton, Benjamin W.	Med. 2	515 Pine Ave. W., Montreal	PL 8060
		Summerside, P.E.I.	
Tanton, Clare W.	Med. 1	515 Pine Ave. W., Montreal	PL 8060
		Summerside, P.E.I.	
Tarlow, Lillian N.	Com. 2	4417 Esplanade Ave., Montreal	PL 2077
Tasker, Mary L.	B.A. 3	3578 Lorne Ave., Montreal	MA 2093
Tatham, William C.	Eng. 3	2064 Mansfield St., Montreal	LA 6825
		9828–106th St., Edmonton, Alta.	
Taylor, Beatrice T.	B.A. 1	31 Barat Rd., Westmount	FI 0962
Taylor, Dudley R.	Eng. 1	4366 Oxford Ave., Montreal	EL 3040
Taylor, Helen I. L.	B.A. 1	3560 University St., Montreal	MA 7908
Taylor, Herbert L.	Med. 3	3602 Durocher St., Montreal	
		125 Shepard St., Berlin, N.H.	
Taylor, John H.	Eng. 3	7 Edgehill Rd., Westmount	WE 4110
Taylor, Margaret E. B.	B.A. 1	4387 Earnscliff Ave., Montreal	EL 6111
Taylor, Muriel T.	Arts P	31 Barat Rd., Westmount	FI 0962
Taylor, Sallie W.	B.A. 4	2324 Lincoln Ave., Apt. 21, Montreal	WI 6969

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Taylor, William R.	Med. 3	2008 Mansfield St., Apt. 57, Montreal	LA 9407
		226 Douglas Ave., Saint John, N.B.	
*Teaffe, John B.	Arts P.	515 Lyon St., Ottawa, Ont.	
Teakle, Cecil T.	Grad. Sch.	4139 Hampton Ave., Montreal	DE 4809
Tebbe, Stanley	Med. 2	1441 Drummond St., Montreal	MA 4171
		2747 Haste St., Berkeley, Calif.	
Tees, Herbert H.	Law 1	4128 Harvard Ave., Montreal	DE 8888
Temple-Hill, Lionel L.	B.A. 3	466 Claremont Ave., Westmount	DE 3130
Tennant, David C.	Eng. 1	156 Easton Ave., Montreal West	WA 0821
Tessier, Norman V.	Eng. 2	2043 Jeanne Mance St., Montreal	HA 2323
Thatcher, Frederick S.	Grad. Sch.	Macdonald College, Que.	Ste.A. 87
		Flushing, Cornwall, England.	
Theobald, Louis C.	Med. 3	3025 Sherbrooke St. W., Apt. 20, Montreal	WI 9215
		Potsdam, N.Y.	
Thom, William W.	Arts P.	538 Cote St. Antoine Rd., Montreal	EL 9310
Thomas, Belmont E.	Med. 4	3683 Hutchison St., Apt. 21, Montreal	MA 8775
		201 W. Morris St., Bath, N.Y.	
Thomas, Irwin E.	Grad. Sch.	228 Dundas St. E., Belleville, Ont.	
Thomas, William	Theol. 2	4327 Beaconsfield Ave., Montreal	DE 2736
Thompson, Anna M.	B.A. 1	1251 St. Mark St., Montreal	FI 3210
Thompson, Arthur B.	Med. 3	3683 Hutchison St., Apt. 25, Montreal	
		81 Main St., Lapeer, Mich.	
Thompson, Charles A.	Med. 1	495 Prince Arthur St. W., Apt. 9, Montreal	LA 4050
		464 Clarence St., London, Ont.	
Thompson, Edna A.	B.A. 2	410 Wiseman Ave., Outremont	AT 3670
Thompson, Helen M.	B.A. 4	4481 Montrose Ave., Westmount	WE 5000
Thompson, Mary E.	Arts P.	157–17th Ave., Lachine, Que.	Lch. 203M
Thompson, Robert	Eng. 3	157–17th Ave., Lachine, Que.	Lch. 203M
Thompson, Winifred	Grad. Sch.	157–17th Ave., Lachine, Que.	Lch. 203M
Thomson, Donald D.	Com. 1	3445 Ontario Ave., Montreal	PL 7631
Thomson, James W.	B.Sc. 1	387 Roslyn Ave., Westmount	DE 5339
Thomson, John A.	B.Eng. 1	3433 Peel St., Montreal	PL 2073
		Monte No. 1, Havana, Cuba.	
Thornhill, Bertha E. E.	B.Sc. 2	122 Arlington Ave., Westmount	WE 6987
Thornhill, Sylvia M.	B.A. 1	122 Arlington Ave., Westmount	WE 6987
Thurston, Arthur M.	Eng. 2	152 Percival Ave., Montreal West	WA 0720F
Tildesley, James M. E.	Com. 2	4064 Oxford Ave., Montreal	DE 7333
		634 Michigan St., Victoria, B.C.	
Tillinghast, Arthur J.	Med. 2	640 Prince Arthur St. W., Montreal	MA 9531
		275 Poplar Ave., Hackensack, N.J.	
Tims, Barbara L. B.	B.A. 2	Royal Victoria College, Montreal	MA 9176
		c/o Mr. E. F. Coste, 510 Royal Bank Bldg., Toronto Ont.	
Tipler, Robert J. J.	Med. 3	545 Pine Ave. W., Montreal	MA 1545
		10024 Longwood Drive, Chicago, Ill.	
Todd, Edward W.	Arts P.	3506 University St., Montreal	MA 2055
		7 Elderwood Rd., Hr. Tranmere, Birkenhead, England.	
Todd, Terence C.	B.A. 1	3429 Peel St., Montreal	PL 7385
		944 St. Charles, Victoria, B.C.	
Tolhurst, John A.	B.A. 1	9 Bastien Ave., Montreal	DU 4348
Toll, M. Wilson	Arts P.	3469 Hutchison St., Montreal	LA 9441
		1386 Keyes Ave., Schenectady, N.Y.	
Tomasi, Lawrence J.	Dent. 2	Strathcona Hall, Montreal	PL 1156
		12 Merchant St., Barre, Vt.	
Tomlinson, George H.	Grad. Sch.	31 Holton Ave., Westmount	FI 6410
Tooke, Gretchen M.	B.A. 4	4 Hudson Ave., Westmount	WE 2994
Tortolani, Aresto P.	Med. 5	3683 Hutchison St., Apt. 35, Montreal	MA 4802
		14 Parade St., Providence, R.I.	
Townsend, Eleanor G	B.A. 2	95 McCulloch Ave., Outremont	AT 5724
Townsend, Milton G.	Med. 4	95 McCulloch Ave., Outremont	AT 5724
Townsend, Thomas R.	B.Sc. 2	95 McCulloch Ave., Outremont	AT 5724
Treggett, Graham R.	Eng. 1	3560 Hutchison St., Montreal	HA 4673
		Bergerville, Que.	

*Left early in session.

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Trenholme, Margery W.	B.A. 3	1436 St. Mark St., Apt. 2, Montreal.	WI 4905
Trihey, Elizabeth A.	Arts P.	667 Belmont Ave., Westmount	WE 4595
Trimingham, Hugh G. L.	Med. 2	3485 Durocher St., Montreal	LA 6094
Trister, Saul M.	Grad. Sch.	4393 St. Urbain St., Montreal	PL 8409
Trott, Dorothy L.	B.A. 3	Royal Victoria College, Montreal Rosemont Ave., Pembroke, Bermuda	MA 9176
Trott, Elsie F.	B.A. 1	Royal Victoria College, Montreal Rosemount Ave., Pembroke, Bermuda	MA 9176
Truax, Lydia B. F.	Grad. Sch.	4310 Beaconsfield Ave., Apt. 9, Montreal	EL 5481
Trudel, Alphonse	Eng. 3	281 Sherbrooke St., Montreal 208–5th St., Shawinigan Falls, Que.	HA 8318
Trueman, Margaret H.	B.A. 1	4969 Grosvenor Ave., Montreal	DE 4133
Trueman, Ronald P.	B.A. 2	10614 De La Roche St., Montreal	
Tucker, Warren W.	Med. 5	3610 Durocher St., Apt. 12, Montreal 201 Devonshire St., Boston, Mass.	MA 5446
Turgeon, Guy J. R.	B.A. 3	814 Cherrier St., Montreal	FR 6363
Turnbull, Andrew R.	B.Sc. 4	3506 University St., Montreal 101 Elizabeth St., Barrie, Ont.	MA 2055
Turnbull, Robert F.	Eng. 2	3506 University St., Montreal 2250 Rae St., Regina, Sask.	MA 2055
Turner, Charles N.	Com. 2	424 Wood Ave., Westmount	FI 7740
Turner, Ivy M.	Arts P.	424 Wood Ave., Westmount	FI 7740
Turner, Phyllis E.	B.A. 2	81 Lakeshore Road, Valois, Que.	
Turpin, Geoffrey W. F.	B.Sc. 1	654 Roslyn Ave., Westmount	EL 1068
Ulrichsen, Barbara A.	Grad. Sch.	3869 Cote des Neiges Road, Montreal	FI 8229
Vaczek, Joan M. H.	B.A. 1	1465 Bernard Ave., Apt. 17, Montreal	AT 4727
Vaczek, Louis C.	B.Sc. 3	1465 Bernard Ave., Apt. 17, Montreal	AT 4727
Valente, Louis A.	Med. 2	3537 Park Ave., Montreal Ogdensburg, N. Y.	HA 3736
Van Cleave, Allan B.	Grad. Sch.	3468 Hutchison St., Montreal Estuary, Sask.	HA 5905
Van Reet, Wilfrid	Com. 2	2034 Peel St., Montreal	BE 1291
Van Scoyoc, William H.	B.A. 2	205 Brock Ave. N., Montreal West	WA 6358
Van Vliet, Jonathan E.	Dent. 3	1441 Drummond St., Montreal Lacolle, Que.	MA 4171
Van Wyck, Norman	Med. 4	621 Belmont Ave., Westmount	WE 2808
Varey, Edith R.	B.A. 3	3833 Melrose Ave., Montreal	DE 0565
Vercoe, Alice M.	B.A. 3	396 Oliver Ave., Westmount	WI 1600
Vernon, Harold C.	B.A. 2	3634 St. Famille St., Montreal Blytheswood, Ont.	
Vernon, Hollis E.	Med. 4	495 Prince Arthur St., Montreal 49 Cherry St., Spencer, Mass.	MA 6863
Verschoyle, Patrick D.	Eng. 4	2045 Metcalfe St., Westmount Fyning Manor, Rogate, Petersfield, Hants, England.	LA 0857
Vezina, Frank A.	Med. 1	1441 Drummond St., Montreal	MA 4171
Viberg, Henry M.	Eng. 2	183 Bedbrooke Ave., Montreal West	WA 1533
Vincelli, John A.	Com. 1	5417 Grove Hill Place, Montreal	DE 8711
Vineberg, Philip F.	B.A. 3	1272 Van Horne Ave., Montreal	AT 2357
Vinokur, Jack	B.A. 3	4272 Clarke Ave., Montreal	BE 3268
Vissenger, Lillian W.	B.A. 4	4403 Girouard Ave., Montreal	EL 5161
Vivian, J. Edward	Eng. 2	4021 Marcil Ave., Montreal	DE 9872
Vogt, Anthony G.	Med. 1	5312 St. Denis St., Montreal Odessa, Sask.	CR 3025
von Wahl, Albert L.	Med. 4	3585 Lorne Ave., Room 8, Montreal 3100 Pioneer Ave., Pittsburgh, Pa.	PL 0037 Local 8
Wachsmuth, Doris N.	B.Sc. 1	533 Clarke Ave., Westmount	WE 5841
Wadge, Norman H.	Eng. 3	1441 Drummond St., Room 1040, Montreal 149 Maryland St., Winnipeg, Man.	MA 4171
Wagner, Robert L.	Med. 4	3561 Hutchison St., Montreal 895–38th Ave., San Francisco, Calif.	LA 0567
Wait, J. Robert	Com. 2	3552 Marlowe Ave., Montreal	DE 0934
Wake, Frank R.	Eng. 2	3578 University St., Montreal Arvida, Que.	MA 1074
Wakefield, Robert W.	Com. 2	135 Clandeboye Ave., Westmount Gale, Keswick, Cumberland, England.	FI 8153

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Wakefield, William	Med. 4	495 Prince Arthur St. W., Montreal. 2328 W. 1st Ave., Spokane, Wash.	LA 2017
Walbridge, Alexander S.	Com. 1	43 Burton Ave., Westmount	DE 1643
Walbridge, Frances M.	B.A. 4	43 Burton Ave., Westmount	DE 1643
Walbridge, H. Edith	B.A. 4	43 Burton Ave., Westmount	DE 1643
Walcott, M. Alena	B.A. 1	1829 Lincoln Ave., Montreal	FI 2601
Wales, Elizabeth S.	B.A. 3	Royal Victoria College, Montreal. St. Andrews East, Que.	MA 9176
Walford, Wallace F.	B.Sc. 2	4089 West Hill Ave., Montreal	EL 8223
Walker, Alan W.	Arch. 3	3433 Peel St., Montreal Box 420, Yarmouth, N.S.	PL 2073
Walker, Dorothy S.	B.A. 2	8 Douglas Ave., Westmount	WE 4747
Walker, Harold E.	Com. 2	384 Metcalfe Ave., Westmount	WE 1819
Walker, John A.	Arch. 1	24 Fenwick Ave., Montreal West	WA 1124
Walker, Laurence R.	B.Sc. 3	2211 Prud'homme Ave., Montreal	
Walker, Norma E. W.	Grad. Sch.	3657 St. Famille St., Apt. 75, Montreal	
Walker, Robert H. E.	Law 1	3 Belvedere Road, Westmount	FI 0613
Wall, Alva G.	Com. P.	23 Fenwick Ave., Montreal West	WA 3085
Wallace, John S.	Eng. 4	40 Aberdeen Ave., Westmount	WE 5560
Waller, Jack J.	Eng. 2	2019 Grey Ave., Montreal	EL 8894
Walsh, Allison A. M.	Law 1	640 Victoria Ave., Westmount	EL 2131
Walsh, Bertrand M.	B.A. 1	108 Abbott Ave., Westmount	WE 6458
Walsh, Edward F.	Dent. 4	366 Ontario St., W., Montreal Waterbury, Conn.	
Walsh, Gerald J.	Med. 2	754 Hartland Ave., Montreal	AT 4349
Walsh, Vincent O.	Eng. 1	6737 Terrebonne Ave., Montreal	WA 8172
Wanless, Graham G.	B.Sc. 4	495 Prince Arthur St. West., Apt. 21. 435–9th St., Medicine Hat, Alta.	LA 5318
Wanner, Pierre L.	Grad. Sch.	3483 Laval Ave., Montreal 7 Av. de Georgette, Lausanne, Switz.	HA 0065
Ward, E. Russell	Dent. 4	5458 Durocher St., Montreal	AT 1846
Ward, Richard P.	B.Sc. 1	5458 Durocher St., Montreal	AT 1846
Warden, Elizabeth J.	Arts P.	12 Richelieu Place, Montreal	PL 1620
Warner, Harry M.	Med. 3	120 Abbott Ave., Westmount Mille Roches, Ont.	WE 4611
Warren, Harold D.	Med. 2	640 Prince Arthur St., Montreal 84 Medway St., Providence, R.I.	MA 9531
Warren, H. Kathleen	Arts P.	393 Wiseman Ave., Outremont	AT 4525
Warson, Samuel	Med. 5	570 Milton St., Apt. 24, Montreal Saint John, N.B.	PL 8901
Wasserman, Gertrude	B.A. 3	5453 Jeanne Mance St., Montreal	CR 1906
Watson, Alice M.	B.A. 3	3437 King Edward Ave., Montreal	WA 0302
Watson Reginald E. L.	Med. 5	3609 University St., Montreal	MA 4300
Watson, Thomas P.	B.A. 1	17 Kindersley Rd., Town of Mount Royal	AT 1555
Watson, Wilbur E.	Med. 4	3626 St. Urbain St., Montreal Montesano, Wash.	HA 9828
Watt, M. Laird	Com. 4	626 Sydenham Ave., Westmount	WE 4198
Wayland, Charles H.	Law 1	2322 Wilson Ave., Montreal	DE 5754
Weaver, Arthur G.	B.A. 2	57 Beverley Ave., Town of Mount Royal	AT 6926J
Webb, J. Douglas	B.A. 2	42 Curzon St., Montreal West	WA 3153
Weber, Harold O.	B.A. 1	3536 Durocher St., Montreal	MA 5457
Weber, Walter M.	Med. 4	545 Pine Ave., Montreal Box 627, Carmel, Calif.	MA 1545
Webster, Barbara A.	Phys. Ed. 2	4598 Marcil Ave., Montreal Vernon, B.C.	DE 4279
Webster, Edward C.	Grad. Sch.	1478 Mountain St., Apt. 1, Montreal. 10803–93rd St., Edmonton, Alta.	LA 8061
Wedgwood, Harold J.	Eng. 2	Strathcona Hall, Montreal Stratford, St. Mary, Suffolk, England.	PL 1156
Weeks, Dana A.	Med. 3	4669 Park Ave., Montreal 57 So. Union St., Rochester, N.Y.	HA 9652
Weil, Paul G.	Med. 5	640 Prince Arthur St. W., Montreal. 712 Division Ave., Niagara Falls, N.Y.	MA 9531
Weiner, Hyman	Med. 5	4548 Esplanade Ave., Montreal	HA 3908
Weinfield, Mortimer	Law 1	440 Elm Ave., Westmount	FI 6265
Weinfield, Rosebud	B.A. 1	440 Elm Ave., Westmount	FI 6265
Weinstein, Jack A.	Eng. 1	1619 Van Horne Ave., Outremont	AT 3520J
Weir, Mildred F.	Grad. Nurse	3535 Durocher St., Montreal Agincourt, Ont.	PL 2461

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Weiss, Elisebeth J.	B.A. 1.	Royal Victoria College, Montreal 61 Coligni Ave., New Rochelle, N.Y.	MA 9176
Welch, Doris M.	B.A. 4.	492 Victoria Ave., St. Lambert	St.L. 659W
Weldon, Arthur M.	B.A. 4.	355 Olivier Ave., Westmount	FI 5961
Weldon, Elizabeth M.	B.A. 1.	355 Olivier Ave., Westmount	FI 5961
Wendling, André V.	Grad. Sch.	4143 Papineau Ave., Montreal	AM 8949
Werner, M. Jean	B.Sc. 3.	4970 Queen Mary Road, Apt. 29, Montreal	DE 3360
Wesley, William G.	Eng. 1.	1445 Van Horne Ave., Apt. E, Outremont	AT 5984
West, Mae L.	Grad. Sch.	130 Brock Ave. S., Montreal West	WA 2301
Westman, Herbert	Eng. 1.	4351 Oxford Ave., Montreal	EL 4880
Wheeler, Clifford V.	B.Sc. 3.	4018 Vendome Ave., Montreal	DE 9842
Whitcomb, Adeline B.	B.A. 3.	289 Notre Dame Ave., St. Lambert.	St.L. 1001
Whitcomb, Benjamin B.	Med. 4.	3433 Peel St., Montreal Ellsworth, Maine.	PL 2073
White, Edwin J.	Theol 3.	1202 Sussex Ave., Montreal	
White, Elwood V.	Grad. Sch.	Pulp and Paper Research Institute, McGill University, Montreal Bracebridge, Ont.	MA 5992
White, William D.	Arts P.	2165 Lincoln Ave., Montreal	WI 6486
White, William H.	Med. 3.	515 Pine Ave. W., Montreal c/o Dr. R. B. White, Penticton, B.C.	PL 8060
Whitehorne, Gordon J. A.	B.A. 2.	3506 University St., Montreal R. 2, Spencerville, Ont.	MA 2055
White-Stevens, Robert H.	Grad. Sch.	Macdonald College, Que. c/o L. M. Stevens, Calle de Muntaner, Barcelona, Spain.	
Whyte, James H.	Grad. Sch.	3586 Clarke St., Montreal 25 Comestown Drive, Edinburgh, Scotland.	HA 8573
Wickett, M. Catharine	Com. 3.	Royal Victoria College, Montreal Port Hope, Ont.	MA 9176
Wiele, Karl K. P.	Com. P.	18 Renfrew Ave., Westmount	WE 5097
Wiener, Robert M.	Dent. 2.	562 Outremont Ave., Outremont	AT 7749
Wigdor, Edward I.	Eng. 3.	510 Wiseman Ave., Outremont	AT 2580
Wigdor, Jack	B.Sc. 1.	510 Wiseman Ave., Outremont	AT 2580
Wiggers, Herbert A.	Med. 5.	640 Prince Arthur St. W., Montreal. 183 Madison Ave., Flushing, L.I., N.Y.	MA 9531
Wight, Allen J.	Com. 3.	2345 Moreau St., Montreal	AM 3664
Wight, Dorothy	B.Sc. 3.	Royal Victoria College, Montreal Clinton, New York	MA 9176
Wigle, Frederick E.	Com. 2.	3637 University St., Montreal 194 Park St. S., Hamilton, Ont.	MA 1824
Wilder, Mitchell A.	B.A. 3.	3478 McTavish St., Montreal 1106 N. Nevada, Colo. Springs, Colo.	PL 7412
Wilen, Betty	B.Sc. 1.	Royal Victoria College, Montreal 5 Wayagamack Is., Three Rivers, Que.	MA 9176
Wilkinson, Peggy	Arts P.	1469 Drummond St., Apt. 52, Montreal	MA 1830
Wilkinson, William A.	B.A. 1.	429 Grosvenor Ave., Westmount	DE 3348
Williams, Conger	Med. 2.	514 Pine Ave, Montreal Rancho Santa Fe., Calif.	MA 8998
Williams, Duncan	Eng. 1.	2064 Mansfield St., Montreal Le Refrain, Verenaz, Geneva, Switzerland	LA 6825
Williams, Henry I.	Grad. Sch.	5627 Canterbury Ave., Montreal	AT 0484
Williams, K. Relief	B.A. 4.	Royal Victoria College, Montreal Box 794, New Glasgow, N.S.	MA 9176
Williams, Leslie R.	Med. 4.	3683 Hutchison St., Apt. 1, Montreal 3342 West 12 Ave., Vancouver, B.C.	HA 8093
Williams, M. Elsbeth	B.A. 4.	5627 Canterbury Ave., Montreal	AT 0484
Willing, Oxley R.	B.A. 1.	790B Champagneur Ave., Outremont	AT 2443
Willis, Lyle D.	Grad. Nurse 1.	1529 Cedar Ave., Montreal West Bathurst, N.B.	PL 4464
Willis, S. T.	Theol. 1.	3473 University St., Montreal Stanbridge East, Que.	MA 4902
Wilson, Charles L.	B.Sc. 1.	3462 Montclair Ave., Montreal	WA 1587W

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Wilson, Christopher	B.A. 1	1427 Chomedy St., Montreal	FI 2659
		Grand 'Mere, Quebec.	
Wilson, Clara L. E.	Arts P	3471 Drummond St., Montreal	PL 2715
Wilson, C. L. Elizabeth	Music	3471 Drummond St., Montreal	PL 2715
Wilson G. Everett	Arch. 5	4210 Wilson Ave., Montreal	DE 7563
Wilson, Gordon H.	B.A. 1	563 Victoria Ave., Westmount	EL 6563
Wilson, Harold C.	Eng. 1	4425 St. Catherine St., Westmount	WE 1804
Wilson, Henry E.	Med. 2	475 Prince Arthur St. W., Montreal	LA 6569
		501 Michigan Ave., Urbana, Ill.	
Wilson, James W.	Med. 2	3482 Durocher St., Montreal	MA 3485
		609 Queens Ave., New Westminster, B.C.	
Wilson, Norman L.	Grad. Sch	3504 Park Ave., Apt. 3, Montreal	HA 1068
		Birch Hills, Sask.	
Wilson, Reginald A.	Med. 5	2100 Marlowe Ave., Montreal	DE 3571
		1355–14th Ave. W., Vancouver, B.C.	
Wilson, Roger	Med. 5	640 Prince Arthur St. W., Montreal	MA 9531
		Ripon Rd., Uplands, Victoria, B.C.	
Wilson, Russell O.	Com. 1	627 Lansdowne Ave., Westmount	WE 4112
Wilson, Stuart A.	Arch. 3	2204 Old Orchard Ave., Montreal	EL 8332
Wilson, William R.	Eng. 4	3592 University St., Montreal	PL 2435
		Indian Head, Sask.	
Wilson, William P.	Eng. 1	126 Clandeboye Ave., Westmount	WE 4715
Winkler, Isadore	B.A. 3	733 Hartland Ave., Outremont	AT 4882J
Winkler, Louis	B.A. 1	733 Hartland Ave., Outremont	AT 4882J
Winn, James	Eng. 3	8289 St. Dominique St., Montreal	DU 4355
Winslow-Spragge, Alice M.	B.A. 2	55 Aberdeen Ave., Westmount	WE 5912
Winters, Marianne	Music	400 Mt. Pleasant Ave., Westmount	FI 1177
Wisdom, Charles S. C.	Com. 2	4727 Grosvenor Ave., Montreal	DE 3068
		47 Hemlock Ave., Shawinigan Falls, Que.	
Wisely, John S.	Med. 5	3559 University St., Montreal	MA 2693
		16 Hart Blvd., Randall Manor, L.I., N.Y.	
Witherspoon, William M.	Med. 4	640 Prince Arthur St. W., Montreal	MA 9531
		20 Dartmouth St., Rochester, N.Y.	
Wolofsky, Saul	B.Sc. 1	755 Davaar Ave., Outremont	AT 1586
Wong, Florence	B.A. 2	1080 Chenneville St., Montreal	LA 2586
Wong, Henry G.	Eng. 3	1090 Chenneville St., Montreal	LA 2953
Wong, James	Arch. 1	1080 Chenneville St., Montreal	LA 2586
Wong, Peter	B.Sc. 1	1090 Chenneville St., Montreal	LA 2953
Wonham, Amy I.	B.A. 3	336 Wood Ave., Westmount	FI 6843
Woo, Daisy E.	B.A. 3	1536 Burnside Place, Montreal	FI 2034
Wood, George W.	Med. 2	1557 St. Mark St., Apt. 9, Montreal	FI 3370
Wood, Ronald M.	B.Sc. 1	1441 Drummond St., Montreal	MA 4171
		242 W. 114 St., New York City.	
Woodhead, Robert C.	B.Sc. 4	241 Ballantyne Ave. N., Montreal West	WA 0769
Woolfrey, Sidney G.	B.A. 4	3506 University St., Montreal	MA 2055
		Carmanville, Nfld.	
Woolhouse, Frederick M.	Med. 3	3581 University St., Montreal	MA 3842
		814 Temperance St., Saskatoon, Sask.	
Woollatt, George R.	B.Sc. 1	5363 Monkland Ave., Montreal	EL 6120
Wootten, David O.	Com. 4	3478 McTavish St., Montreal	PL 7412
		3404 Cedar Crescent, Vancouver, B.C.	
Wootton, Mary H.	B.Sc. 3	19 Campbell Ave., Montreal West	WA 0108
Worden, Frederick A.	Com. P	4290 Montrose Ave., Westmount	FI 2336
Workman, E. Walter	Grad. Sch	5549 Queen Mary Rd., Apt. 2, Montreal	DE 2052
Worrall, James	B.Sc. 3	2316 Hampton Ave., Montreal	DE 4797
Wright, Harlow H.	Eng. 3	Marlborough Apts., Apt. 2, 570 Milton St., Montreal	PL 3506
		568 McLaren St., Ottawa, Ont.	
Wright, John T.	Med. 1	3547 University St., Montreal	LA 4955
		217 East Taylor St., Reno, Nev.	
Wright, Loys V. V.	B.A. 2	Royal Victoria College, Montreal	MA 9176
		Box 140, R.D. 7, Schenectady, N.Y.	
Wu, Chang-chi Pearle	Arts P	3429 St. Famille St., Montreal	PL 6807
		c/o Liang-Chen Wu, Jen Chang Hsiang, Tatung, Anhwei, China	
Yama, George	B.Sc. 1	115 Westminster Ave., Montreal West	WA 2252W

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO
Yancey, John M	B.Sc. 3	642 Grosvenor Ave., Westmount	EL 6064
Yancey, Richard B	Com. 1	642 Grosvenor Ave., Westmount	EL 6064
Yelin, Gabriel	Med. 4	4188 Girouard Ave., Montreal	DE 0254
Yolton, Cuthbert R	Med. 1	3469 Hutchison St., Montreal Massena, N.Y.	LA 9441
York, Fred G	Eng. 3	2064 Mansfield St., Montreal 560 Driveway, Ottawa, Ont.	LA 6825
Young, Donald A	Med. 4	3647 University St., Montreal	MA 2806
Young, Donald M	Grad. Sch	4390 Earnscliffe Ave., Montreal	EL 6449
Young, Gilbert M	Eng. 4	6347–24th Ave., Rosemount	CL 0508W
Young, Harold G	Grad. Sch	Arvida, Que.	
Young, Horace C	Eng. 3	3560 Hutchison St., Montreal 156 Ellsworth Ave., Toronto, Ont.	HA 4673
Young, John C. G	B.Sc. 1	1490 Bishop St., Montreal 283 Maclaren St., Ottawa, Ont.	LA 1941
Young, John Clement	Med. 3	3730 Jeanne Mance St., Montreal 345 Bentinck St., Sydney, N.S.	MA 5537
Yuile, Charles L	Med. 4	3540 Ontario Ave., Montreal	PL 4021
Ziegler, E. R. Maxine	Phys. Ed. 2	Royal Victoria College, Montreal Parry Sound, Ont.	MA 9176
Zimmerman, Alfred A	B.A. 3	5033 De Bullion St., Montreal	
Zimmerman, George	Dent. 3	5702 Hutchison St., Outremont	CR 2575
Zion, Alfred B	Eng. 3	418 Pine Ave. W., Apt. 32, Montreal	LA 6388
Zuker, Esther	Arts P	4257 Esplanade Ave., Montreal	BE 1958
Zweig, David N	B.A. 3	4158 De Bullion St., Montreal	BE 2344

REGISTRATION

1933-34

Degree Students

FACULTY OF ARTS AND SCIENCE:

Arts Division:	Men	Women	Total	
First Year	85	97	182	
Second Year	80	111	191	
Third Year	76	85	161	
Fourth Year	58	82	140	
Totals	299	375	674	
Cancellations 13				
Science Division:				
First Year	138	15	153	
Second Year	61	8	69	
Third Year	46	11	57	
Fourth Year	22	11	33	
Totals	267	45	312	
Cancellations 7				
Commerce Division:				
First Year	55	6	61	
Second Year	43	5	48	
Third Year	43	9	52	
Fourth Year	46	4	50	
Totals	187	24	211	
Cancellations 5				
Totals for the Faculty	753	444	1,197	1,197

FACULTY OF ENGINEERING:

Engineering Division:				
First Year	102	..	102	
Second Year	74	..	74	
Third Year	94	..	94	
Fourth Year	79	..	79	
Totals	349	..	349	
Cancellations 6				

Degree Students (*Continued*)

FACULTY OF ENGINEERING (*Continued*):

School of Architecture:	Men	Women	Total	
First Year	10	..	10	
Second Year	8	..	8	
Third Year	13	..	13	
Fourth Year	6	..	6	
Fifth Year	6	..	6	
Totals	43	..	43	
Cancellations 1				
Totals for the Faculty	392	..	392	392

FACULTY OF MEDICINE:

First Year	96	1	97	
Second Year	100	..	100	
Third Year	96	4	100	
Fourth Year	109	2	111	
Fifth Year	82	1	83	
Totals	483	8	491	
Cancellations 1				
Totals for the Faculty	483	8	491	491

FACULTY OF DENTISTRY:

First Year	18	..	18	
Second Year	11	..	11	
Third Year	10	..	10	
Fourth Year	10	1	10	
Totals for the Faculty	49	1	50	50

FACULTY OF LAW:

First Year	36	2	38	
Second Year	34	1	35	
Third Year	25	2	27	
Totals for the Faculty	95	5	100	100
Cancellations 2				
FACULTY OF GRADUATE STUDIES AND RESEARCH	188	52	240	240
Cancellations 3				

Degree Students (*Continued*)

	Men	Women	Total	
FACULTY OF AGRICULTURE:				
First Year	17	1	18	
Second Year	21	1	22	
Third Year	17	1	18	
Fourth Year	14	..	14	
Totals for the Faculty	69	3	72	72
SCHOOL OF HOUSEHOLD SCIENCE:				
First Year	..	20	20	
Second Year	..	19	19	
Third Year	..	16	16	
Fourth Year	..	12	12	
Totals for the School	..	67	67	67
LIBRARY SCHOOL	1	15	16	16
Cancellations 1				
FACULTY OF MUSIC	4	6	10	10
Total Degree Students	2,034	601	2,635	2,635

Diploma Students

FACULTY OF MEDICINE:				
Diploma of Public Health	1	..	1	
FACULTY OF AGRICULTURE:				
Diploma Course—First Year	23	1	24	
Second Year	11	..	11	
Total	34	1	35	
FACULTY OF MUSIC:				
Licentiate Course	2	12	14	
SCHOOL OF HOUSEHOLD SCIENCE:				
Institution Administration:				
First Year	..	2	2	
Second Year	..	8	8	
Total	..	10	10	
Homemaker Course (One Year)	..	30	30	
Total	..	40	40	

Diploma Students (*Continued*)

	Men	Women	Total	
School for Graduate Nurses	..	23	23	
Cancellations 1				
School of Physical Education:				
First Year	..	1	1	
Second Year	1	15	16	
Total	1	16	17	
Total Diploma Students	38	92	130	130

Partial Students

Faculty of Arts and Science	64	79	143	
Faculty of Engineering:				
Engineering	1	..	1	
Architecture	1	..	1	
Faculty of Music	7	49	56	
School of Agriculture	28	..	28	
School of Household Science	..	4	4	
Law	1	..	1	
Totals for Partial Students	102	132	234	234
Cancelled 14				
Totals in University Courses	2,174	825	2,999	2,999

Short Course Students

Conservatorium of Music	10	68	78	78

Extension Course Students

Extension Department (Evening Classes)	510	234	744	744
Totals Excluding Summer Schools	2,694	1,127	3,821	3,821

DATE DUE

DUE	RETURNED
ILL ML MAR 2 4 1972	MAR 21 1972
ILL ML	JUL 30 1981
ILL ML	AUG 16 1982
C	AUG 9 1982
APR 5, 1983	MAR 23 1983

FORM 211A: L.J.D.

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